

CREATION CENTRED
IN
CHRIST

VOL. II



TABLES OF VERNAL EQUINOXES
AND NEW MOONS
for 3555 years

1. IN OLD STYLE FROM B.C. 1622 TO A.D. 1934
2. IN NEW STYLE FROM THE ENGLISH REFORMATION OF
THE CALENDAR, A.D. 1752 TO A.D. 1934

*Computed from Prophetic Times in the Book of Daniel
regarded as Astronomical Cycles*

BY

H. GRATTAN GUINNESS, D.D., F.R.A.S

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1896

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TESTIMONIALS FROM ASTRONOMERS.

SOME copies of the Tables contained in this volume were printed in 1895 and sent to a few leading astronomers in Great Britain, including Dr. Downing, Superintendent of the Nautical Almanac; Mr. Lynn, long connected with Greenwich Observatory; Dr. Dreyer, of Armagh Observatory, and Mr. Marth, of Markree Observatory. The following testimonials and letters from these astronomers express the results of their examination of the work. Dr. Downing's position, as appointed by Government to superintend the preparation of an annual volume of Astronomical Tables, containing 500 pages of important matter, Mr. Lynn's frequent and valuable contributions to astronomical literature, Dr. Dreyer's experience as formerly Editor of the Astronomical Journal "Copernicus," and as the author of various standard astronomical works, and Mr. Marth's widely known and almost unrivalled ability as a mathematician and astronomer, give ample value to their testimonies.

Testimonial from Dr. Dreyer, F.R.A.S.

"These Tables give the date, hour and minute of every new moon from the year B.C. 1622 to A.D. 1934, as well as the Dominical letters and the time of vernal equinox for every year of this period. Hitherto chronologists who required the time of any new moon have had to calculate it from Largeteau's Tables published in the *Connaissance des Temps pour l'an 1846*; or, if very great accuracy was required, by Oppolzer's *Syzygien-Tafeln für den mond* (Leipzig, 1881); but Dr. Guinness's Tables give the time of new moon by mere inspection without any calculation whatever. In his introduction the author illustrates the accuracy of

his tables by a comparison with the time of the first solar eclipse of each century, taken from Oppolzer's *Canon der Finsternisse*, and shows that his tables never differ from these more than two hours, while the differences frequently amount to only a few minutes.

"I have myself tested the Tables by means of a number of eclipses rigorously computed by Stockwell (eclipses observed in India B.C. 1386, 1301, 1250), by Schjellerup (B.C. 707, 599, and 547, observed in China), and by Newcomb (Arabian eclipses from the middle ages), and with the same result. *These Tables are therefore somewhat more accurate than those of Largeteau, and of course vastly more convenient, as they do not entail any calculation.*

"These Tables have been calculated by means of the luni-solar cycles discovered by the Swiss astronomer, De Cheseaux, about the middle of last century, but hitherto very little noticed by scientific men. The cyclical new moons thus found are given in the tables side by side with the true new moons obtained from them by equating for solar and lunar anomaly. Astronomers will be much interested in the remarkable accuracy obtained in this way by Dr. Guinness.

"The Tables will be of great practical value to chronologists and historians, who can find from them the day of the week and the age of the moon corresponding to any date. Particularly to students of Oriental history they will be invaluable, as the moon is the clock hand of Eastern nations. But they will also in many cases be of great use to astronomers as a ready means of finding, by a mere glance, the whereabouts of the moon in the sky at any time during the last three thousand years.

"J. L. E. DREYER."

"ARMAGH OBSERVATORY,"
April 8th, 1895."

The above testimonial from Dr. Dreyer is reprinted from

the Introduction to Volume I., as some, into whose hands these Tables may come, will not possess a copy of the earlier volume.

**Testimonial from Dr. Downing, F.R.A.S., Superintendent
of the Nautical Almanac.**

NAUTICAL ALMANAC OFFICE,

3, VERULAM BUILDINGS, GRAY'S INN, W.C.,

DEAR SIR,—

March 23rd, 1895.

I have examined your volume of Astronomical Tables containing Dominical letters, Vernal Equinoxes and New and Full Moons for some thirty centuries. I think you have shown that De Cheseaux' cycles of 2300 and 1040 years (by means of which your times are deduced) are not only curiosities of astronomy, but are sufficiently accurate to be turned to practical use for the computation of the positions of the Sun and Moon at distant epochs. The comparison of your results with those of Oppolzer's *Canon der Finsternisse* and other authorities to which you refer in the introduction would of itself be sufficient to justify you in claiming a remarkable degree of accuracy for your Tables. But in addition to this I have examined a great number of your results, and find that a discordance of about three hours between your times and those computed from various Tables that were accessible to me, is the greatest discordance to be apprehended. For any purposes, therefore, for which an error of this magnitude in distant dates is immaterial, your Tables may be used with the greatest confidence.

You have made your Tables considerably more interesting and useful by giving, in addition to the times of Mean, New and Full Moon, those of True New and Full Moon, deduced from the former by the application of the two principal inequalities.

Yours faithfully,

A. M. W. DOWNING.

Letter from W. T. Lynn, Esq., F.R.A.S.

3, SOUTH VALE,

BLACKHEATH, S.E.,

March 25th, 1895.

DEAR SIR,—

I may now safely say that your New Tables are abundantly accurate for all historical and chronological purposes, in many of which they will doubtless be found very useful. They have evidently been computed with great care and accuracy, and the comparison with Oppolzer's Canon was a highly satisfactory check.

Yours very truly,
W. T. LYNN.

Letter from A. Marth, Esq., F.R.A.S.

MARKREE OBSERVATORY,

COLLOONEY, IRELAND,

March 16th, 1895.

DEAR DR. GUINNESS,—

Most gratefully I beg to acknowledge the receipt of your very kind letter and of your new book. As it happens we have been working in different portions of the same field, and I highly appreciate the thoroughness with which you have tilled your portion. As regards the chief aim you have at heart, the proving of Daniel's prophetic 2,300 days to refer to the soli-lunar cycle of 2,300 years, it would have been sufficient to give the list of comparisons on p. xlvii. of your Tables. That Daniel's periods were not derived from his understanding science and being in possession of "the learning of the Chaldeans" is plain from the statement that he had to ask for the meaning of the vision including the times mentioned. But if it was not intended that the revelation should be understood till a late time, and that it should remain a dark mystery to some, you will have to

acquiesce in the failure of many truth-seekers to lift the veil. The bulk of your book enables astronomers to know the whereabouts of the moon at any time during these thousands of years. What I have been aiming at, but what I have not yet been able to accomplish except for a portion of that period, is to provide astronomers the data for finding the whereabouts of the old planets. If nothing too serious interferes with my working diligently at it during the next six or eight weeks I hope to get "a Table for finding by means of modern Ephemerides the whereabouts of the old planets during the six centuries A.D. 1400–2000, and also outside of these limits" ready and printed about midsummer. In comparison with your book it will be a tiny publication, the data for each year filling only a single line . . .

With grateful thanks,

Yours sincerely,

A. MARTH.

In a later letter Mr. Marth verifies the correctness of the new moons for the year B.C. 1622, the starting point of the Tables, by means of Schram's Tables. Employing Schram's data, and reducing to Jerusalem civil time, he finds the following :—

				<i>d</i>	<i>h</i>	<i>m</i>
B.C.—1622.	Schram.	New Moon.	April.	5	3	1
	Tables.	"	"	5	3	88
	"	Schram.	May.	4	10	6
	Tables.	"	"	4	11	17
	"	Schram.	June.	2	18	7
	Tables.	"	"	2	20	2

The differences are slight for such distant dates computed by wholly different methods.

Mr. Marth has been kind enough to compute a Table by which the *mean* Vernal Equinoxes in this volume may be corrected for *true* Vernal Equinoxes. The differences are inconsiderable for the last twenty-five centuries, ranging in that period from 8 minutes to 1 h. 25 m. He has also calcu-

lated from Leverrier's Tables the length of the Tropical year at different dates, and it will be observed with interest that its length at the commencement of the Christian era, as thus deduced, 395 d. 5 h. 48 m. 56 s. corresponds exactly with its length according to the 1,040 years "Daniel cycle" discovered by De Cheseaux. Both these Tables by Mr. Marth will be found at the end of the Introduction.

I desire to acknowledge the kindness of Dr. Dreyer in reading the proof sheets of the astronomical portions of vol. i. while they were passing through the press. The following extract from one of his letters casts some additional light on the value and accuracy of the Tables.

"I certainly think that your Tables will be found very useful by historians and chronologists, at any rate I *know* that to me personally they will be extremely useful and convenient, as I am particularly fond of studying the history of astronomy, and have not infrequently missed a Table like yours. And it must be confessed that the lunar theory is not as yet in a sufficiently satisfactory state to enable us to calculate the places of the Moon for, say B.C. 1000, with a very much greater accuracy than that of your Tables. Whether ancient eclipses really give a much larger value for the secular acceleration than theory, is also very doubtful; from the mediæval ones Newcomb found only about 8."

I have never seen Cheseaux's book, but hope to see it the next time I am in Edinburgh, as I see there is a copy in the library of the R. Observatory, and I look forward with much interest to the reading of it.

"Once more thanking you for your kindness in presenting me with a copy of your valuable work.

"Believe me,

"Yours very truly,

"J. L. E. DREYER."

INTRODUCTION TO THE TABLES.

A knowledge of the dates of the new and full moons and vernal equinoxes is of primary value in the study of civil and sacred history and chronology.

In the Jewish Calendar the entire series of dates is dependent on the position of the Passover, which in its turn is regulated by the time of the full moon of the vernal equinox. Similarly all the dates in the Christian Ecclesiastical Calendar depend on the position of Easter, which is determined by the time of the first full moon following the vernal equinox. The Jewish feasts of Passover, Pentecost, Tabernacles, etc., were appointed to take place on certain days of the months measuring the sacred year, while these months were reckoned from the lunar phasis, or first appearance of the new moon. Without a knowledge of the exact times of new moons and vernal equinoxes it is impossible to fix or verify the dates of a great variety and multiplicity of events in the long course of Jewish and Christian history. On the other hand, such a knowledge is of considerable practical value in the study of civil history and chronology—Egyptian, Assyrian, Babylonish, Persian, Grecian, Roman, Mohammedan, Indian, Chinese, Early, Mediæval and Modern, in all of which both solar and lunar dates, especially the dates of eclipses, are of constant use and occurrence.

The following tables give the times of all the vernal equinoxes and new moons for 3,555 years, from B.C. 1622, the probable date of the Exodus, the starting point of the Jewish Calendar, to A.D. 1934. For the convenience of students of Sacred Chronology the solar and lunar dates are

stated in Jerusalem civil time, which is 2 h. 21 m. in advance of Greenwich time.

The times of the full moons of all lunar eclipses are added, from B.C. 1207 to A.D. 1934. As solar eclipses invariably coincide with new moons, no separate statement of these is presented. The observed or calculated times of solar and lunar eclipses can be employed to verify the correctness of the new and full moons of these tables. As a matter of fact the tables have been thus verified by a careful comparison with the records of eclipse chronology, and especially with the 12,348 solar and lunar eclipses in Oppolzer's invaluable *Canon der Finsternisse*, from B.C. 1207 to A.D. 1934.

The Dominical letter is given for every year, and a glance at the Dominical Tables appended to this introduction will be sufficient in order to ascertain the day of the week of any of the solar and lunar dates in the tables of equinoxes and new moons.

The method employed in calculating the Tables is as follows: the Tables are based upon the primary natural cycles adjusted to the correction of the Jewish and Christian Calendars.

1. Before their employment of the 19 years' Lunar cycle the Jews used the cycle of 84 years (7×12) in the regulation of their Calendar. The error of this cycle accumulates in 15 repetitions to an entire month. Hence *the primary natural cycle adjusted to its correction is 84×15 , or 1,260 tropical years*, a cycle in which the years and months very closely agree.

2. The Modern Jewish Calendar, especially as dating from Rabbi Hillel's Tables, A.D. 353, is based on the 19 years lunar cycle, which, as discovered by the Greek mathematician Meton, B.C. 432, still bears his name. The error of this cycle is so small (being only 2 h. 4 m.), as to give it an unrivalled position among the lesser lunar cycles, and to justify its employment as the foundation of the calendar in later Greek,

and Christian, as well as in Jewish chronology. *The primary natural cycle adjusted to the correction of the 19 years cycle is that of 2,300 years*, in which the error accumulates to between ten and eleven days, and thus equals the epact of a single year (employing the word "epact" in the sense of the excess of the tropical year above 12 synodic months). The 28,435 months of 121 Metonic cycles exceed 2,299 tropical years by 10 to 11 days, or the epact of the 2,300th year, and with the remaining 12 lunations of that year make 28,447 months, or 2,300 tropical years; a cycle remarkable not only for the closeness of the agreement of months and years, but as the only secular cycle known.

3. The cyclical character of the periods of 1,260 and 2,300 years was discovered more than a century ago by the Swiss astronomer De Cheseaux, and also that *their difference, 1,040 years, forms the most accurate luni-solar cycle known*. De Cheseaux considered this cycle to be absolutely accurate as a cycle of the tropical year, synodic month, and solar day. More modern measures show it to have an error of about $1\frac{1}{2}$ hours; but that error diminishes as we ascend the stream of past time, and disappears altogether at about the date of the Jewish captivity in Babylon, when the length of the solar year was six or seven seconds greater than it is at present; in other words, 1,040 tropical years at the date of the Babylonish captivity very closely agreed with 12,863 lunations, and both with 379,852 solar days.

4. The 2,300 years cycle is not only a cycle of the tropical year and synodic month, but also (as was discovered in the preparation of the present tables) *a cycle of the anomalistic month*, the agreement being remarkable for its accuracy. The 840,057 days of 2,300 years are just 30,487 anomalistic months.

5. The 2,300 years cycle measures 40 days of the "annus magnus" of the revolution of the Solar Perigee with reference to the Equinoxes.

Employing these fundamental natural cycles as the basis of the construction of an extensive calendar, embracing the whole range of Jewish and Christian as well as the larger part of civil history, the problem we have worked out has taken the following form—*given these primary cycles; let it be required, to deduce from these a complete decursus of calendar times, solar and lunar, for the period of 3,555 years, from B.C. 1622 to A.D. 1934.*

The possibility of such a deduction owes its special interest and importance to the place which these cycles occupy in the volume of Revelation.

The deduction of the Tropical and Anomalistic years, and the Synodic and Anomalistic months from these cycles, is accomplished as follows:—

(1) *Tropical year.*

$$(a) \text{ by } 2300 \text{ y. } 840057 \text{ d.} \div 2300 = 365.24217391 \text{ d.}$$

$$(b) \text{ by } 1040 \text{ y. } 379852 \text{ d.} \div 1040 = 365.24230769 \text{ d.}$$

Mean	.	.	.	.	365.2422408
					<hr style="border-top: 1px solid black;"/>
					or 365 d. 5 h. 48 m. 49 s.
					<hr style="border-top: 3px double black;"/>

(2) *Anomalistic year.*

By 2300 years cy. = 40 days of revol. of Perigee with reference to the Equinoxes.

$$40 \text{ d.} : 365.242 \text{ d.} :: 2300 \text{ y.} : 21000 \text{ y.}$$

$$\text{Trop. y.} + \frac{\text{Trop. y.}}{21000} = 365 \text{ d. } 6 \text{ h. } 13 \text{ m. } 52 \text{ s.}$$

(3) *Synodic month.*

$$\text{By } 1040 \text{ y. cy. } 379852 \text{ d.} \div 12863 = 29 \text{ d. } 12 \text{ h. } 44 \text{ m. } 3 \text{ s.}$$

(4) *Anomalistic month.*

$$\text{By } 2300 \text{ y. cy. } 840057 \text{ d.} \div 30487 = 27 \text{ d. } 13 \text{ h. } 18 \text{ m. } 37 \text{ s.}$$

From the foregoing values the Sun's mean anomaly and the Moon's mean anomaly have been obtained as follows:—

SUN'S MEAN ANOMALY.

$$\text{Sun's Mean Anomaly} = \frac{\text{Synodic month} \times 360}{\text{Tropical year.}} - \text{Long. of Perigee.}$$

MEAN LONGITUDE.

29 53059161937
360

1771 83549716220
8359 177485811 Mean Long.

365.2422408026) 10631.01298297320 (29° 6' 24".23
7304 844816052

3326 1681669212
3287 1801672231

38 9879996978
60

233 92799818680
219 14534448156

14 73265370524
60

88 695922231440
73 04344816052

15 647474070920
14 609689632104

1 0377844338160
7304844816502

30729995716580
29219379264208

1510616452372

LONG. OF PERIGEE.

$$10631 \cdot 0129 \ 829732$$

$$\begin{array}{r} 21000 \times \ 365 \cdot 2422408026 \\ \hline 21,000 \text{ years} \end{array}$$

$$\begin{array}{r} 365 \ 242 \ 2408026 \\ 7304 \ 844 \ 816052 \\ \hline \end{array}$$

$$\begin{array}{r} 7670 \ 087 \cdot 0568546 \end{array} \begin{array}{r} 10631 \cdot 0129829732 \\ \hline \end{array} \begin{array}{l} \text{Long. Perigee.} \\ (0^\circ \ 0' \ 4'' \cdot 99 \\ 60 \end{array}$$

$$\begin{array}{r} 637860 \cdot 7789788920 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 3827164 \ 67387035200 \\ 3068034 \ 82274184 \\ \hline \end{array}$$

$$\begin{array}{r} 759129 \ 851128512 \\ 690807 \ 835116914 \\ \hline \end{array}$$

$$\begin{array}{r} 68822 \ 0160115980 \\ 61360 \ 6964548368 \\ \hline \end{array}$$

$$74613195567612$$

$$\begin{array}{r} 29^\circ \ 6' \ 24'' \cdot 28 \ \text{Mean Long.} \\ - \ 0 \ 0 \ 4 \cdot 99 \ \text{Long. Perigee.} \\ \hline \end{array}$$

Sun's Mean Anomaly = $29 \ 6 \ 19 \cdot 29$ = Mean Long. - Long. Perigee.

MOON'S MEAN ANOMALY.

$$\text{Moon's Mean Anomaly} = \frac{(\text{Synodic Month} - \text{Anomalistic Month}) \times 360}{\text{Anomalistic month}}$$

$$(\text{Synodic} - \text{Anomalistic}) = \frac{d.}{360}$$

$$\begin{array}{r} 11\ 855967467820 \\ 59\ 2798373891 \end{array}$$

$$\text{Anomalistic month} = 27.5545970414 \quad 711.35804806920 (25^\circ 48' 58'' \cdot 7198)$$

$$\begin{array}{r} 160\ 2661072412 \\ 137\ 7729852070 \end{array}$$

$$\begin{array}{r} 22\ 4931220842 \\ 60 \end{array}$$

$$\begin{array}{r} 134\ 95873220520 \\ 110\ 2183881656 \end{array}$$

$$\begin{array}{r} 24\ 74034403960 \\ 22\ 04367763312 \end{array}$$

$$\begin{array}{r} 2\ 69666640648 \\ 60 \end{array}$$

$$\begin{array}{r} 16\ 179998438830 \\ 13\ 77729852070 \end{array}$$

$$\begin{array}{r} 2\ 402699918180 \\ 2\ 204367763312 \end{array}$$

$$\begin{array}{r} 1983321548630 \\ 1928821792898 \end{array}$$

$$\begin{array}{r} 544997557820 \\ 275545970414 \end{array}$$

$$\begin{array}{r} 2694515874060 \\ 2479918738726 \end{array}$$

$$2146021403340$$

With the values of the Sun's mean anomaly, and the Moon's mean anomaly thus obtained, the following tables have been calculated:—

(1) *For the present century.* The new moon of March, 1844, being taken as the starting point, or *terminus a quo* of the series.

(2) *For sixty centuries.*

LONG. OF PERIGEE.

10631 · 0129 829732

21000 × 365·2422408026

21,000 years

365 242 2408026

7304 844 816052

7670 087·0568546)10631·0129829732(0° 0' 4"·99

60

637860·7789783920

60

3827164 67887035200

3068034 82274184

759129 851128512

690307 835116914

68822 0160115980

61360 6964548368

7461 3195567612

29°	6'	24"·28	Mean Long.
— 0	0	4·99	Long. Perigee.

Sun's Mean Anomaly = 29 6 19·29 = Mean Long. — Long. Perigee.

MOON'S MEAN ANOMALY.

$$\text{Moon's Mean Anomaly} = \frac{(\text{Synodic Month} - \text{Anomalistic Month}) \times 360}{\text{Anomalistic month}}$$

$$(\text{Synodic} - \text{Anomalistic}) = \frac{d.}{1.97599457797} = \frac{360}{11855967467820}$$

$$\frac{592798873391}{11855967467820}$$

$$\text{Anomalistic month} = 27.5545970414 \frac{711.85804806920}{551.091940828} (25^\circ 48' 58'' .7198)$$

$$\frac{1602661072412}{1377729852070}$$

$$\frac{224981220842}{60}$$

$$\frac{13495873220520}{1102183881656}$$

$$\frac{2474084408960}{2204867763812}$$

$$\frac{269666640648}{60}$$

$$\frac{16179998488880}{1377729852070}$$

$$\frac{2402699918180}{2204867763812}$$

$$\frac{1988321548680}{1928821792398}$$

$$\frac{544997557820}{275545970414}$$

$$\frac{2694515874060}{2479918733726}$$

$$2146021408340$$

With the values of the Sun's mean anomaly, and the Moon's mean anomaly thus obtained, the following tables have been calculated:—

(1) *For the present century.* The new moon of March, 1844, being taken as the starting point, or *terminus a quo* of the series.

(2) *For sixty centuries.*

OLD STYLE.

Year.	Mean New Moon in March. Astron. Time. Long. Greenwich.				Mean New Moon in March. Civil Time. Long. Jerusalem.				Sun's Mean Anomaly.			Moon's Mean Anomaly.		
	Days	h.	m.	s.	Days	h.	m.	s.	s.	°	'	s.	°	'
1800	18	0	16	25	13	14	37	25	2	23	13	4	8	18
1	2	9	5	2	2	23	26	2	2	12	29	2	18	6
2	21	6	37	42	21	20	58	42	3	0	50	1	23	43
3	10	15	26	20	11	5	47	20	2	20	7	0	3	30
4	28	12	59	0	29	3	20	0	3	8	29	11	9	7
5	17	21	47	37	18	12	8	37	2	27	45	9	18	55
6	7	6	36	15	7	20	57	15	2	17	0	7	28	43
7	26	4	8	55	26	18	29	55	3	5	23	7	4	19
8	14	12	57	33	15	3	18	33	2	24	38	5	14	7
9	3	21	46	10	4	12	7	10	2	13	54	3	23	55
1810	22	19	18	50	23	9	39	50	3	2	17	2	29	31
11	12	4	7	28	12	18	28	28	2	21	32	1	9	19
12	0	12	56	5	1	3	17	5	2	10	48	11	19	7
13	19	10	28	45	20	0	49	45	2	29	10	10	24	44
14	8	19	17	23	9	9	38	23	2	18	26	9	4	31
15	27	16	50	3	23	7	11	3	3	6	48	8	10	8
16	16	1	38	41	16	15	59	41	2	26	4	6	19	56
17	5	10	27	18	6	0	48	18	2	15	20	4	29	44
18	24	7	59	59	24	22	20	59	3	3	42	4	5	20
19	13	16	48	37	14	7	9	37	2	22	58	2	15	8
1820	2	1	37	14	2	15	58	14	2	12	14	0	24	56
21	20	23	9	54	21	13	30	54	3	0	36	0	0	33
22	10	7	58	32	10	22	19	32	2	19	52	11	10	20
23	29	5	31	12	29	19	52	12	3	8	14	9	15	57
24	17	14	19	50	18	4	40	50	2	27	30	7	25	45
25	6	23	8	27	7	13	29	27	2	16	46	6	5	32
26	25	20	41	7	26	11	2	7	3	5	8	5	11	9
27	15	5	29	45	15	19	50	45	2	24	24	3	20	57
28	3	14	18	22	4	4	39	22	2	13	40	2	0	45
29	22	11	51	2	23	2	12	2	3	2	2	1	6	21
1830	11	20	39	40	12	11	0	40	2	21	18	11	16	9
31	1	5	28	13	1	19	49	18	2	10	34	9	25	57
32	19	3	0	58	19	17	21	58	2	28	56	9	1	34
33	8	11	49	36	9	2	10	36	2	18	12	7	11	21
34	27	9	22	16	27	23	43	16	3	6	34	6	16	58
35	16	18	10	54	17	8	31	54	2	25	50	4	26	46
36	5	2	59	31	5	17	20	31	2	15	6	3	6	34
37	21	0	32	11	24	14	53	11	3	3	28	2	12	10
38	13	9	20	49	13	23	41	49	2	22	44	0	21	58
39	2	18	9	26	3	8	30	26	2	12	0	11	1	46
1840	20	15	42	6	21	6	3	6	3	0	22	10	7	23
41	10	0	30	44	10	14	51	44	2	19	38	8	17	10
42	23	22	3	24	29	12	24	24	3	8	0	7	22	47
43	18	6	52	1	18	21	13	1	2	27	16	6	2	35
44	6	15	40	39	7	6	1	39	2	16	32	4	12	22
45	25	18	13	19	26	3	34	19	3	4	54	3	17	59
46	14	22	1	57	15	12	22	57	2	24	10	1	27	47
47	4	6	50	34	4	21	11	34	2	13	25	0	7	55
48	22	4	23	14	22	18	44	14	3	1	43	11	13	11
49	11	13	11	52	12	3	32	52	2	21	3	9	22	59
1850	0	22	0	29	1	12	21	29	2	10	19	8	2	47

Year.	Mean New Moon in March. Astron. Time. Long. Greenwich.				Mean New Moon in March. Civil Time. Long. Jerusalem.				Sun's Mean Anomaly.			Moon's Mean Anomaly.		
	Days	h.	m.	s.	Days	h.	m.	s.	s.	°	'	s.	°	'
1850	0	22	0	29	1	12	21	29	2	10	19	8	2	47
51	19	19	33	10	20	9	54	10	2	28	42	7	8	24
52	8	4	21	48	8	18	42	48	2	17	57	5	18	11
53	27	1	51	23	27	16	15	28	3	6	20	4	23	48
54	16	10	43	6	17	1	4	6	2	25	35	3	8	36
55	5	19	31	43	6	9	52	43	2	14	51	1	13	24
56	23	17	4	23	21	7	25	23	3	3	13	0	19	0
57	13	1	53	1	13	16	14	1	2	22	29	10	28	48
58	2	10	41	38	3	1	2	33	2	11	45	9	8	36
59	21	8	14	18	21	22	35	18	3	0	7	8	14	13
1860	9	17	2	56	10	7	23	56	2	19	23	6	24	0
61	28	14	35	36	29	4	56	36	3	7	45	5	29	37
62	17	23	24	14	18	13	45	14	2	27	0	4	9	25
63	7	8	12	51	7	22	33	51	2	16	17	2	19	12
64	25	5	45	32	25	20	6	32	3	4	39	1	24	49
65	14	14	31	10	15	4	55	10	2	23	55	0	4	37
66	8	23	22	47	4	18	43	47	2	13	11	10	14	25
67	22	20	55	27	23	11	16	27	3	1	33	9	20	1
68	11	5	44	5	11	20	5	5	2	20	49	7	29	49
69	0	14	32	42	1	4	53	42	2	10	5	6	9	37
1870	19	12	5	22	20	2	26	22	2	28	27	5	15	14
71	8	20	54	0	9	11	15	0	2	17	43	3	25	1
72	26	18	26	40	27	8	47	40	3	6	5	3	0	33
73	16	3	15	18	16	17	36	18	2	25	21	1	10	26
74	5	12	8	55	6	2	24	55	2	14	37	11	20	14
75	24	9	36	35	24	23	57	35	3	2	59	10	25	50
76	12	18	25	13	13	8	46	13	2	22	15	9	5	38
77	2	8	13	50	2	17	34	50	2	11	31	7	15	26
78	21	0	46	30	21	15	7	30	2	29	53	6	21	2
79	10	9	35	7	10	23	56	7	2	19	9	5	0	50
1880	28	7	7	48	28	21	23	48	3	7	31	4	6	27
81	17	15	56	26	18	6	17	26	2	26	47	2	16	15
82	7	0	45	3	7	15	6	3	2	16	3	0	26	2
83	25	22	17	43	26	12	38	43	3	4	25	0	1	39
84	14	7	6	22	14	21	27	22	2	23	41	10	11	27
85	3	15	54	59	4	6	15	59	2	12	57	8	21	15
86	22	13	27	39	23	3	48	39	3	1	19	7	26	51
87	11	22	16	17	12	12	37	17	2	20	35	6	6	39
88	0	7	4	54	0	21	25	54	2	9	50	4	16	27
89	19	4	37	35	19	18	58	35	2	28	13	3	22	4
1890	8	13	26	13	9	3	47	13	2	17	23	2	1	51
91	27	10	58	53	28	1	19	53	3	5	51	1	7	28
92	15	19	47	31	16	10	8	31	2	25	7	11	17	16
93	5	4	36	8	5	18	57	8	2	14	22	9	27	4
94	24	2	8	48	24	16	29	48	3	2	45	9	2	40
95	13	10	57	26	14	1	18	26	2	22	0	7	12	28
96	1	19	46	4	2	10	7	4	2	11	16	5	22	16
97	20	17	18	44	21	7	39	44	2	29	38	4	27	52
98	10	2	7	22	10	16	23	22	2	18	54	3	7	40
99	28	23	40	2	29	14	1	2	3	7	16	2	13	17
1900	17	8	28	39	17	22	49	39	2	26	32	0	23	5

NEW STYLE.

Year.	Mean New Moon in March. Astron. Time. Long. Greenwich.				Mean New Moon in March. Civil Time. Long. Jerusalem.				Sun's Mean Anomaly.			Moon's Mean Anomaly.		
	Days	h	m.	s.	Days	h.	m.	s.	s	°	'	s	°	'
1800	25	0	16	25	25	14	37	25	2	23	13	4	8	18
1	14	9	5	2	14	23	26	2	2	12	29	2	18	6
2	3	17	53	39	4	8	14	39	2	1	44	0	27	54
3	22	15	26	20	23	5	47	20	2	20	7	0	8	30
4	11	0	14	57	11	14	35	57	2	9	22	10	13	18
5	0	9	3	34	0	23	24	34	1	28	38	8	23	6
6	19	6	36	15	19	20	57	15	2	17	0	7	28	43
7	8	15	24	52	9	5	45	52	2	6	16	6	8	30
8	26	12	57	33	27	3	18	33	2	24	38	5	14	7
9	15	21	46	10	16	12	7	10	2	13	54	3	23	55
1810	5	6	34	47	5	20	55	47	2	3	10	2	3	42
11	24	4	7	28	24	18	28	23	2	21	32	1	9	19
12	12	12	56	5	13	3	17	5	2	10	48	11	19	7
13	1	21	44	42	2	12	5	42	2	0	4	9	23	55
14	20	19	17	23	21	9	38	23	2	18	26	9	4	31
15	10	4	6	0	10	18	27	0	2	7	42	7	14	19
16	28	1	33	41	28	15	59	41	2	26	4	6	19	56
17	17	10	27	18	18	0	48	18	2	15	20	4	29	44
18	6	19	15	56	7	9	36	56	2	4	36	3	9	31
19	25	16	43	37	26	7	9	37	2	22	53	2	15	8
1820	14	1	37	14	14	15	53	14	2	12	14	0	24	56
21	3	10	25	51	4	0	46	51	2	1	30	11	4	44
22	22	7	58	32	22	22	19	32	2	19	52	10	10	20
23	11	16	47	9	12	7	8	9	2	9	8	8	20	8
24	0	1	35	47	0	15	56	47	1	28	24	6	29	56
25	18	23	8	27	19	13	29	27	2	16	46	6	5	32
26	8	7	57	4	8	22	18	4	2	6	2	4	15	20
27	27	5	29	45	27	19	50	45	2	24	24	3	20	57
28	15	14	18	22	16	4	39	22	2	13	40	2	0	45
29	4	23	6	59	5	13	27	59	2	2	56	0	10	32
1830	23	20	39	41	24	11	0	41	2	21	18	11	16	9
31	13	5	28	13	13	19	49	13	2	10	34	9	25	57
32	1	14	16	55	2	4	37	55	1	29	50	8	5	45
33	20	11	49	36	21	2	10	36	2	18	12	7	11	21
34	9	20	38	13	10	10	59	13	2	7	28	5	21	9
35	28	18	10	54	29	8	31	54	2	25	50	4	26	46
36	17	2	59	31	17	17	20	31	2	15	6	3	6	34
37	6	11	48	8	7	2	9	8	2	4	22	1	16	21
38	25	9	20	49	25	23	41	49	2	22	44	0	21	53
39	14	18	9	26	15	8	30	26	2	12	0	11	1	46
1840	3	2	58	3	3	17	19	3	2	1	15	9	11	34
41	22	0	30	44	22	14	51	44	2	19	33	8	17	10
42	11	9	19	21	11	23	40	21	2	8	54	6	26	58
43	0	18	7	53	1	8	28	53	1	28	9	5	6	46
44	18	15	40	39	19	6	1	39	2	16	32	4	12	22
45	8	0	29	16	8	14	50	16	2	5	47	2	22	10
46	26	22	1	57	27	12	22	57	2	24	10	1	27	47
47	16	6	50	34	16	21	11	34	2	13	25	0	7	35
48	4	15	39	11	5	6	0	11	2	2	41	10	17	22
49	23	13	11	52	24	3	32	52	2	21	3	9	22	59
1850	12	22	0	29	13	12	21	29	2	10	19	8	2	47

Year.	Mean New Moon in March. Astron. Time. Long. Greenwich.				Mean New Moon in March. Civil Time. Long. Jerusalem.				Sun's Mean Anomaly.	Moon's Mean Anomaly.
	Days	h.	m.	s.	Days	h.	m.	s.	s ° /	s ° /
1850	12	22	0	29	13	12	21	29	2 10 19	8 2 47
51	2	6	49	7	2	21	10	7	1 29 35	6 12 35
52	20	4	21	48	20	18	42	48	2 17 57	5 18 11
53	9	13	10	25	10	3	31	25	2 7 13	3 27 59
54	28	10	43	6	29	1	4	6	2 25 35	3 3 36
55	17	19	31	43	18	9	52	43	2 14 51	1 13 24
56	6	4	20	20	6	18	41	20	2 4 7	11 23 11
57	25	1	53	1	25	16	14	1	2 22 29	10 28 48
58	14	10	41	38	15	1	2	38	2 11 45	9 8 36
59	3	19	30	15	4	9	51	15	2 1 1	7 18 21
1860	21	17	2	56	22	7	23	56	2 19 23	6 24 0
61	11	1	51	33	11	16	12	33	2 8 39	5 3 48
62	0	10	40	11	1	1	1	11	1 27 55	3 13 36
63	19	8	12	51	19	22	33	51	2 16 17	2 19 12
64	7	17	1	29	8	7	22	29	2 5 33	0 29 0
65	26	14	34	10	27	4	55	10	2 23 55	0 4 37
66	15	23	22	47	16	13	43	47	2 13 11	10 14 25
67	5	8	11	24	5	22	32	24	2 2 27	8 24 12
68	23	5	44	5	23	20	5	5	2 20 49	7 29 49
69	12	14	32	42	13	4	53	42	2 10 5	6 9 37
1870	1	23	21	19	2	13	42	19	1 29 21	4 19 25
71	20	20	54	0	21	11	15	0	2 17 43	3 25 1
72	9	5	42	37	9	20	3	37	2 6 59	2 4 49
73	23	3	15	18	23	17	36	18	2 25 21	1 10 26
74	17	12	3	55	18	2	24	55	2 14 37	11 20 14
75	6	20	52	32	7	11	13	32	2 3 53	10 0 1
76	21	18	25	13	25	8	46	13	2 22 15	9 5 33
77	14	3	13	50	14	17	31	50	2 11 31	7 15 26
78	3	12	2	27	4	2	23	27	2 0 47	5 25 14
79	22	9	35	7	22	23	56	7	2 19 9	5 0 50
1880	10	18	23	45	11	8	44	45	2 8 25	3 10 34
81	0	3	12	23	0	17	33	23	1 27 41	1 20 26
82	19	0	45	3	19	15	6	3	2 16 3	0 26 2
83	8	9	33	40	8	23	51	40	2 5 19	11 5 50
84	26	7	6	22	26	21	27	22	2 23 41	10 11 27
85	15	15	54	59	16	6	15	59	2 12 57	8 21 15
86	5	0	43	36	5	15	4	36	2 2 12	7 1 2
87	23	22	16	17	24	12	37	17	2 20 35	6 6 39
88	12	7	4	54	12	21	25	54	2 9 50	4 16 27
89	1	15	53	32	2	6	14	32	1 29 6	2 26 15
1890	20	13	26	13	21	3	47	13	2 17 29	2 1 51
91	9	22	14	50	10	12	35	50	2 6 44	0 11 39
92	27	19	47	31	28	10	8	31	2 25 7	11 17 16
93	17	4	36	8	17	18	57	8	2 14 22	9 27 4
94	6	13	24	45	7	3	45	45	2 3 33	8 6 51
95	25	10	57	27	26	1	18	27	2 22 0	7 12 28
96	13	19	43	4	14	10	7	4	2 11 16	5 22 16
97	3	4	31	41	3	18	55	41	2 0 32	4 2 3
98	22	2	7	22	22	16	28	22	2 18 54	3 7 40
99	11	10	55	59	12	1	16	59	2 8 10	1 17 23
1900	0	19	41	36	1	10	5	36	1 27 26	11 27 16

FIRST MEAN NEW MOON WITH MEAN ANOMALIES OF
THE SUN AND MOON, FOR SIXTY CENTURIES.

Lunations.	Julian Years.	First New Moon.				Sun's Mean Anomaly.			Moon's Mean Anomaly.		
		Days	h.	m.	s.	S.	°	'	S.	°	'
1237	100	4	8	12	14	0	3	20	8	14	47
2174	200	8	16	24	29	0	6	40	4	29	33
3711	300	13	0	36	43	0	9	59	1	14	20
4948	400	17	8	43	58	0	13	19	9	29	6
6185	500	21	17	1	12	0	16	39	6	13	53
7422	600	26	1	13	26	0	19	59	2	23	40
8658	700	0	20	41	38	11	24	12	10	17	37
9895	800	5	4	53	52	11	27	32	7	7	21
11,132	900	9	13	6	6	0	0	52	3	17	10
12,369	1000	13	21	18	21	0	4	12	0	1	57
13,606	1100	18	5	30	35	0	7	31	8	16	44
14,843	1200	22	13	42	50	0	10	51	5	1	30
16,080	1300	26	21	55	4	0	14	11	1	16	17
17,316	1400	1	17	23	15	11	18	24	9	5	15
18,553	1500	6	1	35	30	11	21	44	5	20	1
19,790	1600	10	9	47	44	11	25	4	2	4	48
21,027	1700	14	17	59	58	11	28	24	10	19	34
22,264	1800	19	2	12	13	0	1	44	7	4	21
23,501	1900	23	10	24	27	0	5	3	3	19	8
24,738	2000	27	18	36	41	0	8	23	0	3	54
25,974	2100	2	14	4	53	11	12	37	7	22	52
27,211	2200	6	22	17	7	11	15	56	4	7	38
28,448	2300	11	6	29	22	11	19	16	0	22	25
29,685	2400	15	14	41	36	11	22	36	9	7	12
30,922	2500	19	22	53	50	11	25	56	5	21	58
32,159	2600	24	7	6	5	11	29	16	2	6	45
33,396	2700	23	15	18	19	0	2	33	10	21	31
34,632	2800	3	10	46	30	11	6	49	6	10	29
35,869	2900	7	18	58	45	11	10	9	2	25	16
37,106	3000	12	3	10	59	11	13	23	11	10	2
38,343	3100	16	11	23	13	11	16	48	7	24	49
39,580	3200	20	19	35	23	11	20	8	4	9	35
40,817	3300	25	3	47	42	11	23	28	0	24	22
42,054	3400	29	11	59	57	11	26	48	9	9	9
43,290	3500	4	7	28	8	11	1	1	4	28	6
44,527	3600	8	15	40	22	11	4	21	1	12	53
45,764	3700	12	23	52	37	11	7	41	9	27	40
47,001	3800	17	8	4	51	11	11	0	6	12	26
48,238	3900	21	16	17	5	11	14	20	2	27	13
49,475	4000	26	0	29	20	11	17	40	11	11	59
50,711	4100	0	19	57	31	10	21	53	7	0	57
51,948	4200	5	4	9	45	10	25	13	3	15	44
53,185	4300	9	12	22	0	10	28	33	0	0	30
54,422	4400	13	20	34	14	11	1	53	8	15	17
55,659	4500	18	4	46	29	11	5	13	5	0	3
56,896	4600	22	12	58	43	11	8	32	1	14	50
58,133	4700	26	21	10	57	11	11	52	9	29	37
59,369	4800	1	16	39	9	10	16	6	5	18	34
60,606	4900	6	0	51	23	10	19	25	2	3	21
61,843	5000	10	9	3	37	10	22	45	10	18	7
63,080	5100	14	17	15	52	10	26	5	7	2	54
64,317	5200	19	1	28	6	10	29	25	3	17	41
65,554	5300	23	9	40	21	11	2	45	0	2	27
66,791	5400	27	17	52	35	11	6	4	8	17	14
68,027	5500	2	13	20	46	10	10	18	4	6	12
69,264	5600	6	21	33	1	10	13	38	0	20	58
70,501	5700	11	5	45	15	10	16	58	9	5	45
71,738	5800	15	13	57	29	10	20	17	5	20	31
72,975	5900	19	22	9	44	10	23	37	2	5	18
74,212	6000	24	6	21	58	10	26	57	10	20	5

No.	Mean Lunations.				Sun's Mean Anomaly.			Moon's Mean Anomaly.		
	Days	h.	m.	s.	S.	°	'	S.	°	'
1	29	12	44	3	0	29	6	0	25	49
2	59	1	28	6	1	28	13	1	21	38
3	88	14	12	9	2	27	19	2	17	27
4	118	2	56	12	3	26	25	3	13	16
5	147	15	40	16	4	25	32	4	9	5
6	177	4	24	19	5	24	38	5	4	54
7	206	17	8	22	6	23	44	6	0	43
8	236	5	52	25	7	22	51	6	26	32
9	265	18	36	28	8	21	57	7	22	21
10	295	7	20	31	9	21	3	8	18	10
11	324	20	4	34	10	20	10	9	13	59
12	354	8	43	37	11	19	16	10	9	48
13	383	21	32	41	0	18	22	11	5	37
$\frac{1}{2}$	14	18	22	2	0	14	33	6	12	54

On the basis of the preceding Values and Tables the new moons for 3555 years, from B.C. 1622 to A.D. 1934 have been calculated, and also the full moons of all lunar eclipses from B.C. 1207 to A.D. 1934.

As a specimen of the calculation of the new moons, and of the full moons of lunar eclipses for a single year, the following for the year 1794 will show how the true moons have been obtained from the mean by simply twice equating for solar and lunar anomaly. The moon's mean anomaly has been used, and *not the equated anomaly*, as the error in using the mean anomaly is very small, and the saving of labour, in calculating such extensive tables, considerable. The eclipses in the margin are from Oppolzer's *Canon*, and were inserted in this way in the tables throughout, from B.C. 1207 to A.D. 1934, for purposes of comparison and verification. The *full moons* in the table are indicated by a small circle prefixed to their month dates.

THE FIRST SOLAR ECLIPSE IN EACH CENTURY, FOR 3,000 YEARS,*

FROM B.C. 1100 TO A.D. 1900.

STATED IN JERUSALEM CIVIL TIME.

Year.	Oppolzer's Canon, Sol. Ecl.	Tables, True New Moon.	Difference.
B.C.	<i>d. h. m.</i>	<i>d. h. m.</i>	
1100	JAN. . 25 0 50	JAN. . 25 0 30	-20m.
1000	MAR. . 29 14 8	MAR. . 29 14 33	+25m.
900	MAY . 2 0 5	MAY . 2 2 29	+2h. 24m.
800	JUNE . 4 8 11	JUNE . 4 9 22	+1h. 11m.
700	FEB. . 11 14 15	FEB. . 11 14 29	+14m.
600	MAR. . 17 0 56	MAR. . 17 2 38	+1h. 42m.
500	APRIL . 19 11 0	APRIL . 19 11 24	+24m.
400	JUNE . 21 20 5	JUNE . 21 18 56	-1h.9m.
300	JAN. . 29 22 51	JAN. . 30 0 12	+1h. 21m.
200	MAR. . 4 12 6	MAR. . 4 11 56	-10m.
100	MAY . 6 23 39	MAY . 6 22 15	-1h. 24m.
A.D.			
1	JUNE . 10 6 12	JUNE . 10 4 39	-1h. 33m.
100	FEB. . 27 22 0	FEB. . 27 22 45	+45m.
200	APRIL . 1 12 6	APRIL . 1 11 27	-39m.
300	MAY . 5 16 35	MAY . 5 15 2	-1h. 33m.
400	JAN. . 12 18 22	JAN. . 12 18 57	+35m.
500	FEB. . 15 11 54	FEB. . 15 11 2	-52m.
600	MAR. . 20 18 41	MAR. . 20 17 20	-1h. 21m.
700	MAY . 23 9 4	MAY . 23 7 46	-1h. 18m.
800	JUNE . 26 2 44	JUNE . 26 3 1	+17m.
900	MAR. . 4 3 43	MAR. . 4 2 24	-1h. 19m.
1000	APRIL . 7 11 11	APRIL . 7 10 14	-57m.
1100	MAY . 11 4 35	MAY . 11 4 37	+2m.
1200	JAN. . 18 1 57	JAN. . 18 0 55	-1h. 2m.
1300	FEB. . 21 10 42	FEB. . 21 10 8	-34m.
1400	MAR. . 26 4 46	MAR. . 26 4 40	-6m.
1500	MAY . 28 2 15	MAY . 28 2 12	-3m.
1600	JAN. . 6 7 27	JAN. . 6 7 16	-11m.
1700	FEB. . 9 1 55	FEB. . 9 1 52	-3m.
1800	APRIL . 12 2 53	APRIL . 12 2 36	-17m.
1900	MAY . 15 17 11	MAY . 15 17 24	+13m.
Mean difference			-10m.

* Accurately 3000-1=2999 years.

Year and Month.	Mean New Moon. (○ Full Ecl.)	Sun's Mean Anomaly.	Moon's Mean Anomaly.	First Equation.	Second Equation.	True New Moon. (○ Full Ecl.)	Eclipses from Oppolzer's Canon.
1794	d. h. m.	s. ° '	s. ° '	h. m.	h. m.	d. h. m.	
JAN. . .	20 6 50	1 1 12	10 26 16	+5 5	+2 14	20 14 9	*20 13 57
○	4 1 12	1 15 45	5 9 11	-3 44	+3 4	4 0 32	○4 0 44
FEB. . .	18 19 34	2 0 18	11 22 5	+1 15	+3 42	19 0 31	*19 0 23
MAR. . .	20 8 18	2 29 25	0 17 53	-2 47	+4 12	20 9 43	
APRIL . .	18 21 2	3 28 31	1 13 42	-6 24	+3 39	18 18 17	
MAY . . .	18 9 46	4 27 33	2 9 31	-8 57	+2 12	18 3 1	
JUNE . . .	16 22 30	5 26 44	3 5 20	-9 51	+0 14	16 12 53	
JULY . . .	16 11 14	6 25 50	4 1 9	-8 44	-1 48	16 0 42	*16 0 32
○	31 5 36	7 10 23	10 14 4	+6 40	-2 40	31 9 36	○31 9 51
AUG. . . .	14 23 58	7 24 57	4 26 58	-5 42	-3 21	14 14 52	*14 14 48
SEPT. . .	13 12 42	8 24 3	5 22 47	-1 19	-4 10	13 7 13	
OCT. . . .	13 1 26	9 23 9	6 18 36	+3 22	-3 54	13 0 54	
NOV. . . .	11 14 10	10 22 16	7 14 25	+7 15	-2 37	11 18 48	
DEC. . . .	11 2 54	11 21 22	8 10 14	+9 29	-0 38	11 11 45	

CORRESPONDENCE OF DATES IN THE TABLES WITH THOSE IN OPPOLZER'S "CANON."

As fairly illustrating the correspondence of the Tables in this volume with the eclipses in Oppolzer's *Canon der Finsternisse*, the following extract presents the first solar eclipse in each century, for 3,000 years, as given in Oppolzer's *Canon*, and the corresponding True New Moon of the Tables. As the latter are only twice equated, and calculated on somewhat different data from the new moons of Oppolzer's eclipses, they ought to differ from them; but *the mean difference is found to be less than an hour*. The accuracy of the Tables is thus sufficient for all ordinary historical and chronological purposes.

THE FIRST SOLAR ECLIPSE IN EACH CENTURY, FOR 3,000 YEARS;*

FROM B.C. 1100 TO A.D. 1900.

STATED IN JERUSALEM CIVIL TIME.

Year.	Oppolzer's Canon, Sol. Ecl.		Tables, True New Moon.		Difference.
		<i>d. h. m.</i>		<i>d. h. m.</i>	
B.C.					
1100	JAN.	25 0 50	JAN.	25 0 30	-20m.
1000	MAR.	29 14 8	MAR.	29 14 33	+25m.
900	MAY.	2 0 5	MAY.	2 2 29	+2h. 24m.
800	JUNE.	4 8 11	JUNE.	4 9 22	+1h. 11m.
700	FEB.	11 14 15	FEB.	11 14 29	+14m.
600	MAR.	17 0 56	MAR.	17 2 38	+1h. 42m.
500	APRIL.	19 11 0	APRIL.	19 11 24	+24m.
400	JUNE.	21 20 5	JUNE.	21 18 56	-1h. 9m.
300	JAN.	29 22 51	JAN.	30 0 12	+1h. 21m.
200	MAR.	4 12 6	MAR.	4 11 56	-10m.
100	MAY.	6 23 39	MAY.	6 22 15	-1h. 24m.
A.D.					
1	JUNE.	10 6 12	JUNE.	10 4 39	-1h. 33m.
100	FEB.	27 22 0	FEB.	27 22 45	+45m.
200	APRIL.	1 12 6	APRIL.	1 11 27	-39m.
300	MAY.	5 16 35	MAY.	5 15 2	-1h. 33m.
400	JAN.	12 18 22	JAN.	12 18 57	+35m.
500	FEB.	15 11 54	FEB.	15 11 2	-52m.
600	MAR.	20 18 41	MAR.	20 17 20	-1h. 21m.
700	MAY.	23 9 4	MAY.	23 7 46	-1h. 18m.
800	JUNE.	26 2 44	JUNE.	26 3 1	+17m.
900	MAR.	4 3 43	MAR.	4 2 24	-1h. 19m.
1000	APRIL.	7 11 11	APRIL.	7 10 14	-57m.
1100	MAY.	11 4 35	MAY.	11 4 37	+2m.
1200	JAN.	13 1 57	JAN.	13 0 55	-1h. 2m.
1300	FEB.	21 10 42	FEB.	21 10 8	-34m.
1400	MAR.	26 4 46	MAR.	26 4 40	-6m.
1500	MAY.	28 2 15	MAY.	28 2 12	-3m.
1600	JAN.	6 7 27	JAN.	6 7 16	-11m.
1700	FEB.	9 1 55	FEB.	9 1 52	-3m.
1800	APRIL.	12 2 53	APRIL.	12 2 36	-17m.
1900	MAY.	15 17 11	MAY.	15 17 24	+13m.
Mean difference					-10m.

* Accurately 3000-1=2999 years.

FIRST EQUATION FOR THE TIMES OF NEW AND FULL MOON.

Galloway, Enc. Brit.

ARGUMENT—MOON'S MEAN ANOMALY.

°	C ^s			I ^s			II ^s			III ^s			IV ^s			V ^s			°
	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	
0	0	0	0	4	34	26	8	10	3	9	48	59	8	50	0	5	14	24	30
1		9	28		42	54		15	32		49	42		45	11	5	5	2	29
2		18	56		51	18		20	52		50	14		40	10	4	55	34	28
3		28	24		59	38		26	5		50	35		34	59		45	59	27
4		37	52	5	7	54		31	9		50	45		29	36		36	18	26
5		47	19		16	4		36	6		50	44		24	5		26	31	25
6	0	56	45		24	10		40	53		50	33		18	23		16	38	24
7	1	6	10		32	12		45	32	9	50	10		12	30	4	6	40	23
8		15	35		40	9		50	2		49	36		6	27	3	56	3	22
9		24	59		48	1		54	24		48	51	8	0	14		46	27	21
10		34	21		55	48	8	53	36		47	55	7	53	50		36	13	20
11		43	42	6	3	29	9	2	40		46	48		47	17		25	54	19
12	1	53	2		11	5		6	34		45	29		40	35		15	31	18
13	2	2	20		18	36		10	20		43	59		33	42	3	5	3	17
14		11	37		26	1		13	55		42	18		26	40	2	54	31	16
15		20	51		33	20		17	22		40	26		19	28		43	56	15
16		30	4		40	33		20	38		38	22		12	7		33	16	14
17		39	15		47	40		23	46		36	8	7	4	37		22	34	13
18		48	23		54	41		26	43		33	42	6	56	53		11	48	12
19	2	57	29	7	1	36		29	30		31	4		49	11	2	0	59	11
20	3	6	33		8	24		32	8		28	16		41	14	1	50	8	10
21		15	34		15	6		34	36		25	16		33	9		39	14	9
22		24	33		21	41		36	53		22	5		24	55		28	18	8
23		33	28		28	9		39	0		18	44		16	33		17	20	7
24		42	21		34	30		40	57		15	10	6	8	3	1	6	20	6
25		51	10		40	44		42	44		11	26	5	59	26	0	55	19	5
26	3	59	56		46	52		44	20		7	31		50	39		44	17	4
27	4	8	39		52	50		45	46	9	3	25		41	47		33	13	3
28		17	18		58	42		47	1	8	59	8		32	46		22	9	2
29		25	54	8	4	26		48	5		54	39		23	38		11	5	1
30	4	34	26	8	10	3	9	43	59	8	50	0	3	14	24	0	0	0	0
°	+ XI			+ X			+ IX			+ VIII			+ VII			+ VI			°

SECOND EQUATION FOR THE TIME OF NEW AND FULL MOON.

ARGUMENT—SUN'S MEAN ANOMALY.																			
°	0 +			I +			II +			III +			IV +			V +			°
	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	
0	0	0	0	2	8	39	3	40	48	4	11	50	3	35	30	2	3	21	30
1		4	30		12	30		42	54		11	41		33	13	1	59	35	29
2		9	1		16	17		44	56		11	28		30	52		55	47	28
3		18	31		20	3		46	54		11	10		28	28		51	56	27
4		18	1		23	45		48	48		10	43		26	0		48	4	26
5		22	30		27	25		50	37		10	20		23	29		44	10	25
6		26	59		31	1		52	22		9	49		20	53		40	14	24
7		31	28		34	35		54	3		9	13		18	15		36	17	23
8		35	55		38	6		55	39		8	32		15	33		32	17	22
9		40	23		41	34		57	11		7	47		12	47		28	16	21
10		44	49		44	59	3	58	38		6	58		9	58		24	14	20
11		49	15		48	20	4	0	1		6	4		7	6		20	10	19
12		53	39		51	38		1	20		5	6		4	11		16	5	18
13	0	58	3		54	53		2	33		4	3	3	1	12		11	59	17
14	1	2	25	2	58	5		3	43		2	56	2	58	11		7	51	16
15		6	46	3	1	13		4	48		1	44		55	6	1	3	42	15
16		11	6		4	18		5	48	4	0	28*		51	58	0	59	32	14
17		15	24		7	19		6	44	3	59	8		48	47		55	22	13
18		19	41		10	16		7	35		57	44		45	33		51	10	12
19		23	56		13	10		8	21		56	15		42	16		46	57	11
20		28	10		16	0		9	3		54	42		38	57		42	43	10
21		32	22		18	46		9	41		53	5		35	35		38	29	9
22		36	32		21	29		10	14		51	24		32	10		34	14	8
23		40	41		24	8		10	42		49	38		28	42		29	59	7
24		44	47		26	43		11	5		47	49		25	12		25	43	6
25		48	51		29	14		11	24		45	56		21	40		21	27	5
26		52	53		31	40		11	39		43	58		18	5		17	9	4
27	1	56	53		34	3		11	43		41	57		14	27		12	52	3
28	2	0	51		36	22		11	53		39	52		10	47		8	35	2
29		4	46		38	37		11	54		37	43		7	5		4	18	1
30	2	8	39	3	40	48	4	11	50	3	35	30	2	3	21	0	0	0	0
°	XI			X			IX			VIII			VII			VI			°

To find the mean and true new moons for past or future centuries from those of the present century given in the foregoing tables, it is only necessary to apply the century corrections, and take out the equations, as shown in the following calculation of the mean and true moons of March, 1744:—

	MEAN NEW MOON.	SUN'S ANOMALY.	MOON'S ANOMALY.
	d h m s	s ° '	s ° '
March, 1844	7 6 1 30	2 16 32	4 12 23
100 Years	4 8 12 14	0 3 20	8 14 47
<hr/>			
	2. 21. 49. 25	2 13 12	7 27 35
1st Equation	+ 8 38		
2nd Equation	+ 4 3		
True New Moon	<hr/> 3. 10. 30. 25. <hr/>		
Mar., 1744			

To find the subsequent mean and true new moons for any particular year from those of the initial month of March, add the quantities given in the appropriate Table (Table of 13 lunations) to those of March, and take out the equations for the sun's and moon's anomaly. Example, to find the mean and true new moons for April, 1744:—

	MEAN NEW MOON.	SUN'S ANOMALY.	MOON'S ANOMALY.
	d h m s	s ° '	s ° '
Mar., 1744	2 21 49 25	2 13 12	7 27 35
1 Lunation	29 12 44 3	0 29 6	0 25 49
<hr/>			
April,	1. 10. 33. 28.	3. 12. 18.	8. 23. 24
1st Equation	+ 9 50		
2nd Equation	+ 4 5		
True New Moon	<hr/> 2. 0. 28. <hr/>		
April, 1744			

DOMINICAL LETTER. B.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	

DOMINICAL LETTER. C.

xxxii

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 F 2 Sa 3 M 4 S 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	

DOMINICAL LETTER, D.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
Th 1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31	S 1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31	S 1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31	W 1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31	F 1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31	M 1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31	W 1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31	Sa 1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31	Th 1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31	S 1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31	Tu 1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31	

DOMINICAL LETTER. E.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	

DOMINICAL LETTER. F.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV	DEC.
1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa	S 1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31	

DOMINICAL LETTER. F.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV	DEC.
1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	

DOMINICAL LETTER, U.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 Tu	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 Tu	

BISSEXTILE YEAR.—DOMINICAL LETTERS. A. G.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 F 28 Sa 29 S 30 M 31 Tu	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 Tu

BISSEXTILE YEAR — DOMINICAL LETTERS. C. B.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W	Th 1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	

BISSEXTILE YEAR.—DOMINICAL LETTERS. E. D.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W	1 Th 2 F 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th

BISSEXTILE YEAR.—DOMINICAL LETTERS. G. F.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu

BISSEXTILE YEAR.—DOMINICAL LETTERS. B.A.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	

BISSEXTILE YEAR.—DOMINICAL LETTERS. D.C.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31	1 F 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31	1 W 2 Th 3 F 4 Sa 5 S 6 M 7 Tu 8 W 9 Th 10 F 11 Sa 12 S 13 M 14 Tu 15 W 16 Th 17 F 18 Sa 19 S 20 M 21 Tu 22 W 23 Th 24 F 25 Sa 26 S 27 M 28 Tu 29 W 30 Th 31	

BISSEXTILE YEAR.—DOMINICAL LETTERS. F.E.

JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 Th 2 F 3 Sa 4 S 5 M 6 Tu 7 W 8 Th 9 F 10 Sa 11 S 12 M 13 Tu 14 W 15 Th 16 F 17 Sa 18 S 19 M 20 Tu 21 W 22 Th 23 F 24 Sa 25 S 26 M 27 Tu 28 W 29 Th 30 F 31 Sa	1 S 2 M 3 Tu 4 W 5 Th 6 F 7 Sa 8 S 9 M 10 Tu 11 W 12 Th 13 F 14 Sa 15 S 16 M 17 Tu 18 W 19 Th 20 F 21 Sa 22 S 23 M 24 Tu 25 W 26 Th 27 F 28 Sa 29 S 30 M 31 Tu	1 Tu 2 W 3 Th 4 F 5 Sa 6 S 7 M 8 Tu 9 W 10 Th 11 F 12 Sa 13 S 14 M 15 Tu 16 W 17 Th 18 F 19 Sa 20 S 21 M 22 Tu 23 W 24 Th 25 F 26 Sa 27 S 28 M 29 Tu 30 W 31 Th	1 F 2 Sa 3 S 4 M 5 Tu 6 W 7 Th 8 F 9 Sa 10 S 11 M 12 Tu 13 W 14 Th 15 F 16 Sa 17 S 18 M 19 Tu 20 W 21 Th 22 F 23 Sa 24 S 25 M 26 Tu 27 W 28 Th 29 F 30 Sa 31 S	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	1 Sa 2 S 3 M 4 Tu 5 W 6 Th 7 F 8 Sa 9 S 10 M 11 Tu 12 W 13 Th 14 F 15 Sa 16 S 17 M 18 Tu 19 W 20 Th 21 F 22 Sa 23 S 24 M 25 Tu 26 W 27 Th 28 F 29 Sa 30 S 31 M	1 M 2 Tu 3 W 4 Th 5 F 6 Sa 7 S 8 M 9 Tu 10 W 11 Th 12 F 13 Sa 14 S 15 M 16 Tu 17 W 18 Th 19 F 20 Sa 21 S 22 M 23 Tu 24 W 25 Th 26 F 27 Sa 28 S 29 M 30 Tu 31 W	

DOMINICAL LETTER TABLES.

The Dominical letter of each year is stated in the Tables of equinoxes and New Moons. To find the day of the week ascertain from these the Dominical letter for the year, and in the dominical letter Tables, under that letter, the required day of the week will be found.

EXAMPLE.—On what day of the week did April 5, the day of the vernal equinox and also of the new moon, fall, in B.C. 1622? In the Tables of Equinoxes and New Moons the Dominical letter for B.C. 1622 is G. Under the letter G in the Dominical Letter Tables April 5 is Thursday.

The Dominical letters can be employed as a test of the correctness of the tables, care being taken when B.C. and A.D. dates are compared to subtract one year.

Example: 2,300 years end one day of the week lower than the day on which they begin.

2,300 years	{ B.C. 1622.	Dom. letter G.	Vernal Eq.	Ap. 5.	Thursday.
	{ A.D. 679.	" "	B. "	Mar. 18.	Friday.
"	{ B.C. 1448.	" "	G. "	Ap. 8.	Tuesday.
	{ A.D. 858.	" "	B. "	Mar. 16.	Wednesday.
"	{ B.C. 1336.	" "	F. "	Ap. 2.	Tuesday.
	{ A.D. 965.	" "	A. "	Mar. 15.	Wednesday.
"	{ B.C. 1143.	" "	C. "	Ap. 1.	Thursday.
	{ A.D. 1158.	" "	E. "	Mar. 14.	Friday.
"	{ B.C. 772.	" "	A. "	Mar. 29.	Wednesday.
	{ A.D. 1529.	" "	C. "	Mar. 11.	Thursday.
"	{ B.C. 457.	" "	G.F. "	Mar. 26.	Tuesday.
	{ A.D. 1844.	" "	B.A. "	Mar. 8.	Wednesday.
"	{ B.C. 367.	" "	F. "	Mar. 26.	Tuesday.
	{ A.D. 1934.	" "	A. "	Mar. 8.	Wednesday.

VERIFICATION OF THE TABLES.

In the following Table, the 33 years Equinox cycle is employed to verify the vernal Equinoxes in this volume in a series of dates beginning B.C. 1622, and extending to A.D. 1910.

EXPLANATION OF THE CYCLE.

The Julian year of 365 $\frac{1}{4}$ days exceeds the Tropical year by 11 minutes 12 seconds. This fractional excess grows to 6 hours 9 minutes in 33 years. Instead of intercalating in the Calendar 1 day every 4 years, and 8 days in 32 years, it is more correct therefore to shift the 8th intercalation from the 32nd to the 33rd year. This is to drop the six hours' error of the Julian reckoning in that period. The error of the 33 years Equinox cycle is less than 9 minutes.

The regularity of the nearly 9 minutes differences in the Equinoxes (at intervals of 33 years) is conspicuous throughout the following Table. The number of days elapsed from the initial date of the Table is stated, as the accuracy of the Equinox cycle seems to warrant it, and the statement may prove serviceable in chronological calculations.

THE 33 YEARS EQUINOX CYCLE.

No.	B.C.	Month.	d. h. m.	Days.	No.	A.D.	Month.	d. h. m.	Days.
	1622	April	5 5 32		50	29	March	22 22 16	602,650
1	1589	"	4 5 23	12,053	51	62	"	22 22 7	614,703
2	1556	"	4 5 14	24,106	52	95	"	22 21 59	626,756
3	1523	"	4 5 6	36,159	53	128	"	21 21 50	638,809
4	1490	"	4 4 57	48,212	54	161	"	21 21 41	650,862
5	1457	"	3 4 48	60,265	55	194	"	21 21 32	662,915
6	1424	"	3 4 40	72,318	56	227	"	21 21 24	674,968
7	1391	"	3 4 31	84,371	57	260	"	20 21 15	687,021
8	1358	"	3 4 23	96,424	58	293	"	20 21 6	699,074
9	1325	"	2 4 13	108,477	59	326	"	20 20 57	711,127
10	1292	"	2 4 5	120,530	60	359	"	20 20 49	723,180
11	1259	"	2 3 56	132,583	61	392	"	19 20 40	735,233
12	1226	"	2 3 47	144,636	62	425	"	19 20 31	747,286
13	1193	"	1 3 39	156,689	63	458	"	19 20 23	759,339
14	1160	"	1 3 30	168,742	64	491	"	19 20 14	771,392
15	1127	"	1 3 21	180,795	65	524	"	18 20 5	783,445
16	1094	"	1 3 12	192,848	66	557	"	18 19 56	795,498
17	1061	March	31 3 4	204,901	67	590	"	18 19 48	807,551
18	1028	"	31 2 55	216,954	68	623	"	18 19 39	819,604
19	995	"	31 2 46	229,007	69	656	"	17 19 30	831,657
20	962	"	31 2 37	241,060	70	689	"	17 19 21	843,710
21	929	"	30 2 29	253,113	71	722	"	17 19 13	855,763
22	896	"	30 2 20	265,166	72	755	"	17 19 4	867,816
23	863	"	30 2 11	277,219	73	788	"	16 18 55	879,869
24	830	"	30 2 3	289,272	74	821	"	16 18 47	891,922
25	797	"	29 1 54	301,325	75	854	"	16 18 38	903,975
26	764	"	29 1 45	313,378	76	887	"	16 18 29	916,028
27	731	"	29 1 36	325,431	77	920	"	15 18 20	928,081
28	698	"	29 1 28	337,484	78	953	"	15 18 12	940,134
29	665	"	28 1 19	349,537	79	986	"	15 18 3	952,187
30	632	"	28 1 10	361,590	80	1019	"	15 17 54	964,240
31	599	"	28 1 2	373,643	81	1052	"	14 17 46	976,293
32	566	"	28 0 53	385,696	82	1085	"	14 17 37	988,346
33	533	"	27 0 44	397,749	83	1118	"	14 17 28	1,000,399
34	500	"	27 0 35	409,802	84	1151	"	14 17 19	1,012,452
35	467	"	27 0 26	421,855	85	1184	"	13 17 11	1,024,505
36	434	"	27 0 17	433,908	86	1217	"	13 17 2	1,036,558
37	401	"	26 0 9	445,961	87	1250	"	13 16 53	1,048,611
38	368	"	26 0 0	458,014	88	1283	"	13 16 44	1,060,664
39	335	"	25 23 52	470,067	89	1316	"	12 16 36	1,072,717
40	302	"	25 23 43	482,120	90	1349	"	12 16 27	1,084,770
41	269	"	24 23 34	494,173	91	1382	"	12 16 18	1,096,823
42	236	"	24 23 26	506,226	92	1415	"	12 16 10	1,108,876
43	203	"	24 23 17	518,279	93	1448	"	11 16 1	1,120,929
44	170	"	24 23 8	530,332	94	1481	"	11 15 52	1,132,982
45	137	"	23 22 59	542,385	95	1514	"	11 15 43	1,145,035
46	104	"	23 22 51	554,438	96	1547	"	11 15 34	1,157,088
47	71	"	23 22 42	566,491	97	1580	"	10 15 26	1,169,141
48	38	"	23 22 33	578,544	98	1613	"	10 15 17	1,181,194
49	5	"	22 22 25	590,597	99	1646	"	10 15 9	1,193,247
					100	1679	"	10 15 0	1,205,300
					101	1712	"	9 14 52	1,217,353
					102	1745	"	9 14 42	1,229,406
					103	1778	"	9 14 34	1,241,459
					104	1811	"	9 14 25	1,253,512
					105	1844	"	8 14 16	1,265,565
					106	1877	"	8 14 7	1,277,618
					107	1910	"	8 13 59	1,289,671

USE OF THE TABLES.

1. *The primary use of the Tables is to fix particular dates.* Example:—What was the date of the new moon nearest to the vernal equinox in B.C. 457, the year in which, according to Sir Isaac Newton's calculation,¹ Ezra went up from Babylon to Jerusalem? The Tables show that the vernal equinox in B.C. 457 fell on March 26, and that the nearest new moon was that of March 25 d. 8 h. 45 m, Jerusalem Civil Time; and that, therefore, the Phasis, or first appearance of the new moon coincided with the date of the equinox.

As the Tables contain more than 100,000 solar and lunar dates, they afford the means of ascertaining or verifying a very large number of periods connected with sacred and civil chronology.

The solar and lunar dates in the Tables are the following:—3,555 vernal equinoxes; 43,969 mean new moons; 43,969 true new moons (together 87,938 new moons); 4,862 mean full moons; 4,862 true full moons (together 9,724 full moons); or 101,217 solar and lunar dates.

In ascertaining or verifying historic dates, eclipses have a special value. The Tables contain the dates of all lunar eclipses from April 22, B.C. 1207, to July 26, A.D. 1934. No separate statement of solar eclipses is given, but as these always exactly coincide with true new moons, their dates, when otherwise ascertained, may be confirmed by the Tables. The new and full moons of the Tables being stated in *Jerusalem Civil Time*, allowance must be made for this in comparing them with eclipses stated in Greenwich, or other

¹ An. J. P. 4,257. "Observations on the Prophecies of Daniel," p. 143.

local time, or in time as reckoned from noon. The following are some of the principal centres at which eclipses have been accurately observed, with the corrections which must be applied to the Tables in comparing other local time with that of Jerusalem.

	Long.	Diff. of Time from Jerusalem.
		<i>h. m.</i>
London—Greenwich	0° 0'	—2 21
Paris	2° 24' E	—2 12
Rome	12° 30' E	—1 31
Athens	23° 44' E	—0 46
Constantinople	29° 0' E	—0 25
Alexandria	29° 52' E	—0 22
Babylon	44° 33' E	+0 37
Canton	113° 20' E	+5 12
Pekin	116° 20' E	+5 24

The following nineteen lunar eclipses recorded by Ptolemy establish the chronology of Babylonian, Persian, Grecian and Roman rulers for nine centuries. The names and periods of kings in Ptolemy's Canon extend from Nabonassar, B.C. 747, to Antoninus, A.D. 138. "The astronomic and the historic cannot be separated, and they must both stand or fall together. The astronomic can be rigidly verified, and the truth of the historic is a legitimate deduction."

LUNAR ECLIPSES RECORDED BY PTOLEMY.

	B. C.	Year of Nabonassar.	Reign.	Egyptian Month.	Hour.	Date of Eclipse by Oppolzer.		Date in Tables.		Differences.	
						d.	m.	d.	m.	h.	m.
I.	721	27	Mardoceampadi, 1	Thoth 29	9.30 from noon	Mar. 19	21	Mar. 19	22	+ 0	45
II.	720	28	" 2	" 18	" "	"	23	"	1	+ 1	23
III.	720	28	" 2	Phamenoth 15	8.30	Sept. 1	19	Sept. 1	18	- 1	18
IV.	621	127	Nabopolassar, 5	Athyr 27	17.50	April 22	4	April 22	6	+ 1	48
V.	523	225	Cambysis, 7	Phamenoth 17	11	July 16	23	July 17	1	+ 1	59
VI.	502	246	Darii, 20	Epiphi 28	11.36	Nov. 19	23	Nov. 20	1	+ 2	2
VII.	491	257	" 31	Tybi 3	11.30	April 25	22	April 25	47	- 0	29
VIII.	383	366	Phanocratus	Thoth 26	19.20	Dec. 23	7	Dec. 23	6	- 1	4
IX.	382	366	"	Phamenoth 24	9.6	June 18	20	June 18	22	+ 1	39
X.	382	367	Evander	Thoth 16	11.0	Dec. 12	22	Dec. 12	20	- 1	34
XI.	201	547	Calippic Per. II., 54	Mesore 16	7.0	Sept. 22	19	Sept. 22	40	+ 1	17
XII.	200	548	" IL, 55	Meccheir 9	13.20	Mar. 20	1	Mar. 20	0	- 0	49
XIII.	200	548	" " IL, 55	Mesore 5	14.15	Sept. 12	2	Sept. 12	2	- 0	24
XIV.	174	574	Philometor, 7	Phamenoth 27	14.20	May 1	2	May 1	0	- 1	31
XV.	141	607	Calippic Per. III., 37	Tybi 2	10.10	Jan. 27	22	Jan. 27	20	- 1	32
XVI.	125	872	Hadrian, 9	Pachon 17	8.24	April 5	21	April 5	20	- 0	53
XVII.	133	880	" 17	Pauni 20	11.15	May 6	23	May 7	0	+ 0	35
XVIII.	134	882	" 19	Chreac 2	11.0	Oct. 20	23	Oct. 20	23	+ 0	25
XIX.	136	883	" 20	Pharmuthi 19	16.0	Mar. 6	4	Mar. 6	2	- 1	20

ANCIENT CHINESE ECLIPSES.

The following thirty-six solar eclipses have a special value as verifying ancient Chinese history. They are taken from the *Chun Tsiu*, a history or chronicle of the kingdom of Lu, from B.C. 722 to B.C. 481, written by the celebrated philosopher Confucius. With the exception of four, all these eclipses have been verified. "That some error exists in these four is admitted by the Chinese themselves, but they attribute it to the transcribers, and not to Confucius. As the hour and quantity are not expressed they are less useful to the astronomer, but they are of immense value in authenticating the ancient Chinese history and determining its chronology."¹ We have taken the dates of these eclipses from Lindsay's "Chrono-Astrolabe." The correspondence of these dates with new moons in the *Tables* is interesting, and confirms both the eclipses and the *Tables*.

¹ J. B. Lindsay. "Chrono-Astrolabe," p. 98.

ANCIENT CHINESE ECLIPSES, FROM THE CHUN TSU, OF CONFUCIUS.

No.		Date indicated. B.C.	New Moon. Jerusalem Civil Time.
			d. h. m.
1	"In the year Sin-Yin (the 58th of the cycle of 60) the 3rd of the Prince Yin Kung, in the season of spring, the 2nd moon, the day Ki-szi (being the 6th of the cycle of 60 days) the sun was eclipsed."	720. Feb. 22	Feb. . 22 1 43
2	"In the year of the cycle Jin-Shin (the 9th) being the 3rd year of the Prince Hwan Kung, in autumn, the 7th moon, the day Jin-chin (29th) at new moon, the sun suffered a total eclipse."	709. July 17	July . 17 8 22
3	"In the 17th year of Hwan Kung being ping-seuh (23rd of cycle) winter, the 10th moon, at new moon, the sun had an eclipse."	695. Oct. 10	Oct. . 10 10 35
4	"In the year Yih-szi (42nd of the cycle) being the 18th of Chwang Kung, spring season, 3rd moon, the sun was eclipsed."	676. April 15	April. 15 10 9
5	"In the year Jin-tszi (49th of the cycle) 25th year of Chwang Kung, beginning of the 6th moon, on the day Sin-wi (8th of the cycle of days) the sun had an eclipse."	669. May 27	May . 27 8 7
6	"In the year Kwei-chan (50th of cycle), the 26th of Chwang Kung, winter, 12th moon, the day Kwei-hai (6th of cycle of days), the sun was eclipsed."	658. Nov. 19	Nov. . 19 6 11
7	"In the 30th year of Chwang Kung, being Ting-szi (54th year of the cycle), on the first of the 9th moon, being the day Kang-wu (7th of the cycle of days), the sun was eclipsed."	654. Aug. 25	Aug. 25 5 1
8	"In the year Ping-yin (3d of the cycle) being the 5th of Hi Kung, the first of the 9th moon, the day Wu-shin (4th of the cycle of days), the sun was eclipsed."	650. Aug. 19	Aug. 19 7 11

N ^o .		Date indicated. B.C.	New Moon. <i>Tables.</i> Jerusalem Civil Time.
9	"In the year Kwei-yiu (10th of the cycle), being the 12th of Hi Kung, in the spring season, 3rd moon, on the day Kang-wu (7th of the cycle of days), the sun was eclipsed."	648. April 6	<i>d. h. m.</i> April. 6 9 39
10	"In the year Ping-tsz (13th of the cycle), being the 15th of Hi Kung, in summer, the 5th moon, the sun was eclipsed." (Cannot be verified.)	645.	
11	"In the year Yih-wi (32nd of the cycle), being the first of Wan Kung, in the 2nd moon, the day Kwei-hai (60th of the cycle of days), the sun was eclipsed."	626. Feb. 3	Feb. . 3 8 10
12	"In the year Ki-yiu (46th of the cycle), the 15th of Wan Kung, on the first day of the 6th moon, being sin-chau (38th of the cycle of days), the sun was eclipsed."	612. April 28	April. 28 0 53
13	"In the year Kang-shin (57th of the cycle), the 8th of Seu-en Kung, autumn, 7th moon, the day Kia-tsz (1st of the cycle), the sun suffered a total eclipse."	601. Sept. 20	Sept. . 20 8 22
14	"In the year Jin-Seuh (59th of the cycle), the 10th of Seu-en Kung, summer, at the 4th moon, the day Ping-chin (53rd of the cycle), the sun was eclipsed."	599. Mar. 6	Mar. . 6 3 17
15	"In the year Ki-sai (6th of the cycle), the 17th of Seu-en Kung, at the 6th moon, the day Kwei-mao (40th of the cycle of days), the sun eclipsed." (Not verified.)	592.	
16	"In the year Pingseuh (23rd of the cycle), the 16th of Ching Kung, at the beginning of the 6th moon, on the day Ping-yin (3rd of the cycle of days), the sun was eclipsed."	575. May 9	May . 9 7 43
17	"In the year Ting-hai (24th of the cycle), the 17th of Ching Kung, the first day of the 12th moon, being Ting-szi (54th of the cycle), the sun was eclipsed."	574. Oct. 22	Oct. . 22 2 35
18	"In the year Jin-yin (39th of the cycle), the 14th of Siang Kung, the 1st day of the 2nd moon, being Yih-wi (the 32nd of the cycle of days), the sun was eclipsed."	559. Jan. 14	Jan. . 14 9 14

ANCIENT CHINESE ECLIPSES, FROM THE CHUN TSU, OF CONFUCIUS.

No.		Date indicated. B.C.	New Moon. Tables. Jerusalem Civil Time.
1	"In the year Sin-Yin (the 58th of the cycle of 60) the 3rd of the Prince Yin Kung, in the season of spring, the 2nd moon, the day Ki-szi (being the 6th of the cycle of 60 days) the sun was eclipsed."	720. Feb. 22	d. h. m. Feb. . 22 1 43
2	"In the year of the cycle Jin-Shin (the 9th) being the 3rd year of the Prince Hwan Kung, in autumn, the 7th moon, the day Jin-chin (29th) at new moon, the sun suffered a total eclipse."	709. July 17	July . 17 8 22
3	"In the 17th year of Hwan Kung being ping-seuh (23rd of cycle) winter, the 10th moon, at new moon, the sun had an eclipse."	695. Oct. 10	Oct. . 10 10 35
4	"In the year Yih-szi (42nd of the cycle) being the 18th of Chwang Kung, spring season, 3rd moon, the sun was eclipsed."	676. April 15	April. 15 10 9
5	"In the year Jin-tazi (49th of the cycle). 25th year of Chwang Kung, beginning of the 6th moon, on the day Sin-wi (8th of the cycle of days) the sun had an eclipse."	669. May 27	May . 27 8 7
6	"In the year Kwei-chau (50th of cycle), the 26th of Chwang Kung, winter, 12th moon, the day Kwei-hai (6th of cycle of days), the sun was eclipsed."	658. Nov. 10	Nov. . 10 6 11
7	"In the 30th year of Chwang Kung, being Ting-szi (54th year of the cycle), on the first of the 9th moon, being the day Kang-wu (7th of the cycle of days), the sun was eclipsed."	651. Aug. 23	Aug. 23 6 51
8	"In the year Ping-yin (3rd of the cycle), being the 5th of Hi Kung, the first of the 9th moon, the day Wu-shin (45th of the cycle of days), the sun was eclipsed."	635. Aug. 19	Aug. . 19 7 43

N.		Date indicated. B.C.	New Moon. <i>Tables.</i> Jerusalem Civil Time.		
			d.	h.	m.
9	"In the year Kwei-yiu (10th of the cycle), being the 12th of Hi Kung, in the spring season, 3rd moon, on the day Kang-wu (7th of the cycle of days), the sun was eclipsed."	648. April 6	April. 6	9	39
10	"In the year Ping-tsz (13th of the cycle), being the 15th of Hi Kung, in summer, the 5th moon, the sun was eclipsed." (Cannot be verified.)	645.			
11	"In the year Yih-wi (32nd of the cycle), being the first of Wan Kung, in the 2nd moon, the day Kwei-hai (60th of the cycle of days), the sun was eclipsed."	626. Feb. 3	Feb. . 3	8	10
12	"In the year Ki-yiu (46th of the cycle), the 15th of Wan Kung, on the first day of the 6th moon, being sin-chau (38th of the cycle of days), the sun was eclipsed."	612. April 28	April. 28	0	53
13	"In the year Kang-shin (57th of the cycle), the 8th of Seu'en Kung, autumn, 7th moon, the day Kia-tsz (1st of the cycle), the sun suffered a total eclipse."	601. Sept. 20	Sept. . 20	8	22
14	"In the year Jin-Seuh (59th of the cycle), the 10th of Seu'en Kung, summer, at the 4th moon, the day Ping-chin (53rd of the cycle), the sun was eclipsed."	599. Mar. 6	Mar. . 6	3	17
15	"In the year Ki-szi (6th of the cycle), the 17th of Seu'en Kung, at the 6th moon, the day Kwei-mao (40th of the cycle of days), the sun eclipsed." (Not verified.)	592.			
16	"In the year Pingseuh (23rd of the cycle), the 16th of Ching Kung, at the beginning of the 6th moon, on the day Ping-yin (3rd of the cycle of days), the sun was eclipsed."	575. May 9	May . 9	7	43
17	"In the year Ting-hai (24th of the cycle), the 17th of Ching Kung, the first day of the 12th moon, being Ting-szi (54th of the cycle), the sun was eclipsed."	574. Oct. 22	Oct. . 22	2	35
18	"In the year Jin-yin (39th of the cycle), the 14th of Siang Kung, the 1st day of the 2nd moon, being Yih-wi (the 32nd of the cycle of days), the sun was eclipsed."	559. Jan. 14	Jan. . 14	9	14

No.		Date indicated. B.C.	New Moon. <i>Tables.</i> Jerusalem Civil Time.
19	"In the year Kwei-mau (40th of the cycle), being the 15th of Siang Kung, autumn, the 8th moon, on the day Ting-szi (54th of the cycle of days), there was an eclipse of the sun."	558. May 31	d. h. m. May . 30 23 15
20	"In the year Wu-shin (45th of the cycle), being the 20th of Siang Kung, in winter, the 1st day of the 10th moon, being Ping-chin (the 58rd of the cycle of days), the sun was eclipsed."	553. Aug. 31	Aug. . 31 11 3
21	"In the year Ki-yiu (46th of the cycle), the 21st of Siang Kung, the 1st day of the 9th moon, being Kang-Seuh (47th of the cycle of days), the sun was eclipsed."	552. Aug. 20	Aug. . 20 11 23
22	"In the year Ki-yiu (46th of the cycle), the 21st of Siang Kung, 1st day of 10th moon, being Kang-chin (17th of cycle), the sun eclipsed." (Not verified.)		
23	"In the year Sin-hai (48th of the cycle), being the 23rd of Siang Kung, in the spring season, on the day Kwei-yiu (10th of the cycle of days), the sun was eclipsed."	550. Jan. 5	Jan. . 5 5 50
24	"In the 24th year of Siang Kung, being Jin-tsz (49th of the cycle), autumn, beginning of the 7th moon, on the day Kia-tsz (1st of the cycle of days), the sun had a total eclipse."	549. June 19	June . 19 6 19
25	"In the beginning of the 8th moon, on the day Kwei-szi (30th of the cycle of days), the sun was eclipsed." (Cannot be verified for day assigned.)	549. July 18	July . 18 13 20
26	"In the 27th year of Siang Kung, being Yih-mao (52nd of the cycle), winter, beginning of the 12th moon, the day Yih-hai (12th of the cycle of days), the sun was eclipsed."	546. Oct. 13	Oct. . 13 2 13
27	"In the 7th year of Chao-Kung, being Ping-yiu (3rd of the cycle), summer, beginning of the 4th moon, on the day Kia-chin, the sun was eclipsed."	535. Mar. 18	Mar. . 18 7 15

No.		Date indicated. B.C.	New Moon. <i>Tables.</i> Jerusalem Civil Time.
28	"In the 15th year of Chao Kung, being Kia-seuh (11th of the cycle), beginning of the 6th moon, on the day Ting-szi (54th of the cycle), the sun was eclipsed."	527. April 18	d. April. 18 h. 7 m. 23
29	"In the 17th year of Chao Kung, being Ping-tsz (13th of the cycle), summer, beginning of the 6th moon, the day Kia-seuh (11th of the cycle of days), the sun was eclipsed."	525. Aug. 21	Aug. . 21 13 36
30	"In the 21st year of Chao Kung, being Kang-chin (17th of the cycle), autumn, beginning of the 7th moon, on the day Jin-wu (19th of the cycle of days), the sun was eclipsed."	521. June 10	June . 10 5 18
31	"In the 22nd year of Chao Kung, being Sin-szi (18th of the cycle), beginning of the 12th moon, the day Kwei-yiu (10th of the cycle of days), the sun was eclipsed."	520. Nov. 23	Nov. . 23 5 8
32	"In the 24th year of Chao Kung, being Kwei-wi (20th of the cycle), summer, beginning of the 5th moon, the day Yih-wi (32nd of the cycle of days), the sun was eclipsed."	518. April 9	April. 9 4 21
33	"In the 31st year of Chao Kung, being Kang-yin (27th of the cycle), beginning of the 12th moon, the day Sin-hai (48th of the cycle), the sun was eclipsed."	511. Nov. 14	Nov. . 14 4 4
34	"In the 5th year of Ting Kung, being Ping-shin (33rd of the cycle), spring season, beginning of the 3rd moon, the day Sin-hai (48th of the cycle), the sun was eclipsed."	505. Feb. 16	Feb. . 16 9 15
35	"In the 12th year of Ting Kung, being Kwei-mao (40th of the cycle), beginning of the 11th moon, the day Ping-yin (3rd of the cycle of days), the sun was eclipsed."	498. S-pt. 22	Sept. . 22 9 17
36	"In the 15th year of Ting Kung, being Ping-wu (43rd of the cycle), beginning of the 8th moon, the day Kang-chin (17th of the cycle), the sun was eclipsed."	495. July 22	July . 22 5 6

Coming down to later times, we add the following twelve historically recorded lunar eclipses, as specimens of the very large number of historical eclipses verified by the Tables.

LUNAR ECLIPSES.

B.C.	Day.	Hour.	Locality.	Authority.	Tables.	
					Jerusalem Civil Time.	
					<i>d.</i>	<i>h.</i>
45	Nov. 7.	Two hours after midnight.	Rome.	Ovid, "Met."	Nov. 7	2
4	Mar. 13.	Night of 12th to 13th March.	Judea.	Josephus, "Antiq.," xvii. 6, 4.	Mar. 13	3
A.D.						
14	Sept. 27.	Four in the morning.	Tacitus, "Annals."	Soon after death of Augustus.	Sept. 27	5
364	Nov. 26.		Theon, "Commentary on Almagest of Ptolemy."		Nov. 26	3
452	Sept. 15.		8th year of Merovius. King of Franks. Trithemius.		Sept. 15	4
716	Jan. 13.	"Till mid- night."	In time of Pope Gregory. "14th Indiction." Anastasius.		Jan. 13	20
800	Jan. 15.	Eight in the evening.	Saxon Chronicle.		Jan. 15	22
883	July 23.		Observed by Albatani.		July 23	18
1204	April 16.		Matthew Paris.		April 16	3
1248	June 7.		" "		June 7	23
1457	Sept. 3.	11.17 p.m. (Struyk).	Observed by Regiomontanus.		Sept. 3	23
1460	July 3.	7.31 p.m.	" "		July 3	22

The Tables are of practical value, not only in confirming dates, but in the discovery of errors. The following errors in the list of eclipses given in Ferguson's "Astronomy" (taken professedly from Struyk and Ricciolus) have been discovered by a comparison of his dates with those in the Tables. In each of these instances the dates in the *Tables* are confirmed by Oppolzer's invaluable "Canon der Finsternisse."

ERRATA IN FERGUSON'S LIST OF ECLIPSES.

FROM STRUYK'S CATALOGUE TO A.D. 1485; REST FROM RICCIOLUS.
REDUCED TO CIVIL TIME.

B.C.	Character of Eclipse.	Date—Ferguson.			<i>Tables.</i> Jerusalem Civil Time.		
		d.	h.	m.	d.	h.	m.
403	Solar	Aug. 28	17	53	Aug. 23	18	8
357	Lunar	Aug. 29	19	29	Aug. 9	18	53
188	Solar	July 7	8	38	July 17	9	5
2	"	Feb. 2	8	8	Feb. 5	2	59
A.D.							
290	"	May 15	15	20	May 25	23	40
787	"	Sept. 15	8	43	Sept. 16	10	37
989	"	May 28	18	54	May 8	1	50
1207	"	Feb. 27	22	50	Feb. 28	13	1
1228	"	Dec. 27	21	55	Dec. 28	10	15
1327	Lunar	Sept. 1	6	26	Sept. 2	7	23
1341	"	Nov. 29	0	23	Nov. 24	1	16
1491	Solar	Mar. 8	14	19	May 8	15	21
1495	Lunar	Mar. 11	4		none		
1499	"	June 23	5		none		
1499	Solar	Aug. 24	6		none		
1499	Lunar	Nov. 17	22		none		
1500	Solar	Mar. 27			May 28	2	12

ERRORS IN EQUINOX DATES AND DOMINICAL LETTERS.

Greswell's otherwise valuable Chronological Tables are wrong in their Julian Equinox dates and Dominical Letters from their commencement to the third century A.D. In the table which follows, it will be seen that while Greswell's dates agree on the whole with those in our *Tables from the third century A.D. onward*, they differ from them in all the preceding centuries. The error of Greswell's tables has been clearly demonstrated by Browne—*Ordo Sæclorum*, pp. 522–526—and by other chronologers.

ERROR OF GRESWELL'S CHRONOLOGICAL TABLES.
"FASTI CATHOLICI."

B.C.	Fasti Catholici.		Tables.		A.D.	Fasti Catholici		Tables.	
	Julian Equinox.	Dom. Let.	Vernal Equinox	Dom. Let.		Julian Equinox.	Dom. Let.	Vernal Equinox.	Dom. Let.
1622	Apr. 7	E	Apr. 5	G	79	Mar. 23	A	Mar. 23	C
1522	" 6	G	" 4	A	179	" 22	C	" 22	D
1422	" 5	B	" 3	B	279	" 21	E	" 21	E
1322	" 4	D	" 2	C	379	" 20	F	" 20	F
1222	" 3	F	" 2	D	479	" 20	G	" 19	G
1122	" 3	G	" 1	E	579	" 19	A	" 19	A
1022	" 2	B	Mar. 31	F	679	" 18	B	" 18	B
922	" 1	D	" 30	G	779	" 17	C	" 17	C
822	Mar. 31	F	" 30	A	879	" 16	D	" 16	D
722	" 30	A	" 29	B	979	" 16	E	" 16	E
622	" 28	C	" 28	C	1079	" 15	F	" 15	F
522	" 27	E	" 27	D	1179	" 14	G	" 14	G
422	" 27	F	" 26	E	1279	" 13	A	" 13	A
322	" 26	A	" 26	F	1379	" 13	B	" 12	B
222	" 25	C	" 25	G	1479	" 12	C	" 12	C
122	" 24	E	" 24	A	1579	" 11	D	" 11	D
22	" 23	G	" 23	B	1679	" 10	E	" 10	E
					1779	" 10	F	" 9	F
					1879	" 9	G	" 9	G

2. *The second practical use of the Tables is in the ascertainment or verification of series of dates.*

The Tables possess a special value as casting a clear, direct light on the recorded dates of ancient and modern calendars, Jewish, Grecian, Roman, Christian, Mohammedan, etc. In illustration of the use of the Tables in the study of this branch of Chronology, we present, in the first place, specimens of the two principal Greek Calendars—the Octaëteris, or 8-years Calendar, and the Calendar of the celebrated Metonic Cycle (19-years Calendar), with the corresponding dates in the *Tables*. The Delphian Octaëteris is that given by Greswell in "*Origenes Kalendaris Hellenicæ*," vol. vi., p. 666.

DELPHIAN OCTAËTERIS.

GRESWELL, "ORIGENES KALENDARIZÆ HELLENICÆ."

Epoch, August 1, B.C. 542.

	Ἐνδυστο- τρώπιος.	Ποιτρώ- πιος.	Ἀποτρώ- πιος.	Ἀπελλαῖος.	Διάδοφύ- ριος.	Ἡραίος.	Βίστιος.	Βοαβόος.	Θευξένιος.	Ἡράκλειος.	Βουκάτιος.	Εἰλαῖος.	Εἰλαῖος Β.
	i. 30.	ii. 29.	iii. 30.	iv. 29.	v. 30.	vi. 29.	vii. 30.	viii. 29.	ix. 30.	x. 29.	xi. 30.	xii. 29.	xiii. 30.
B.C.	Cycle.												
542	i. Aug. 1	Aug. 31	Sept. 29	Oct. 29	Nov. 27	Dec. 27	Jan. 25	Feb. 24	Mar. 24	Apr. 23	May 22	June 21	
*541	ii. July 20	" 19	" 17	" 17	" 15	" 15	" 13	" 12	" 13	" 12	" 11	" 10	
540	*iii. " 9	" 8	" 6	" 6	" 4	" 4	" 2	" 1	" 2	" 1	Apr. 30	May 30	June 28
539	iv. " 28	" 27	" 25	" 25	" 23	" 23	" 21	" 20	" 21	" 20	May 19	June 18	
538	*v. " 17	" 16	" 14	" 14	" 12	" 12	" 10	" 9	" 9	" 8	" 7	" 6	July 5
*537	vi. Aug. 4	Sept. 3	Oct. 2	Nov. 1	" 30	" 30	" 28	" 27	" 28	" 27	" 26	" 25	
536	vii. July 24	Aug. 23	Sept. 21	Oct. 21	" 19	" 19	" 17	" 16	" 17	" 16	" 15	" 14	
535	*viii. " 13	" 12	" 10	" 10	" 8	" 8	" 6	" 5	" 6	" 5	" 4	" 3	" 2

DELPHIAN OCTAËTERIS.

DATES FROM THE TABLES, JERUSALEM CIVIL TIME.

Epoch, July 31, B.C. 542.

		Ἐνδυσπω- τρίαιος.	Ποιτρί- παιος.	Ἀποτρί- παιος.	Ἀπελλαίος.	Δαίδαφό- ραιος.	Ἡραίος.	Βίστος.	Βοαβόος.	Θευξένιος.	Ἡράκλειος.	Βουκάτιος.	Εἰλαίος.	Εἰλαίος B.
B.C.	Cycle.	i. 30.	ii. 29.	iii. 30.	iv. 29.	v. 30.	vi. 29.	vii. 30.	viii. 29.	ix. 30.	x. 29.	xi. 30.	xii. 29.	xiii. 30.
542	i.	July 31 d. 10 h.	Aug. 30 d. 0 h.	Sept. 28 d. 17 h.	Oct. 28 d. 12 h.	Nov. 27 d. 7 h.	Dec. 27 d. 1 h.	Jan. 25 d. 17 h.	Feb. 24 d. 6 h.	Mar. 24 d. 16 h.	April 23 d. 23 h.	May 22 d. 6 h.	June 20 d. 13 h.	
541	ii.	July 19 d. 21 h.	Aug. 18 d. 7 h.	Sept. 16 d. 20 h.	Oct. 16 d. 12 h.	Nov. 15 d. 6 h.	Dec. 15 d. 2 h.	Jan. 13 d. 21 h.	Feb. 12 d. 14 h.	Mar. 14 d. 4 h.	April 12 d. 15 h.	May 11 d. 23 h.	June 10 d. 6 h.	
540	iii.	July 9 d. 13 h.	Aug. 7 d. 21 h.	Sept. 6 d. 6 h.	Oct. 5 d. 18 h.	Nov. 4 d. 8 h.	Dec. 4 d. 2 h.	Jan. 2 d. 20 h.	Feb. 1 d. 15 h.	Mar. 8 d. 8 h.	April 1 d. 23 h.	May 1 d. 12 h.	June 30 d. 22 h.	29 d. 6 h.
539	iv.	July 28 d. 14 h.	Aug. 26 d. 22 h.	Sept. 25 d. 7 h.	Oct. 24 d. 18 h.	Nov. 23 d. 7 h.	Dec. 22 d. 22 h.	Jan. 21 d. 15 h.	Feb. 20 d. 8 h.	Mar. 22 d. 1 h.	April 20 d. 17 h.	May 20 d. 7 h.	May 18 d. 19 h.	
538	v.	July 18 d. 5 h.	Aug. 16 d. 14 h.	Sept. 14 d. 23 h.	Oct. 14 d. 9 h.	Nov. 12 d. 20 h.	Dec. 12 d. 8 h.	Jan. 10 d. 21 h.	Feb. 9 d. 11 h.	Mar. 10 d. 2 h.	April 8 d. 18 h.	May 8 d. 9 h.	May 7 d. 0 h.	July 6 d. 14 h.
537	vi.	Aug. 5 d. 3 h.	Sept. 3 d. 14 h.	Oct. 3 d. 1 h.	Nov. 1 d. 11 h.	Nov. 30 d. 22 h.	Dec. 30 d. 9 h.	Jan. 28 d. 20 h.	Feb. 27 d. 8 h.	Mar. 28 d. 21 h.	April 27 d. 10 h.	May 27 d. 1 h.	May 25 d. 17 h.	
536	vii.	July 25 d. 8 h.	Aug. 23 d. 23 h.	Sept. 22 d. 13 h.	Oct. 22 d. 2 h.	Nov. 20 d. 14 h.	Dec. 20 d. 1 h.	Jan. 18 d. 11 h.	Feb. 16 d. 21 h.	Mar. 18 d. 7 h.	April 16 d. 17 h.	May 16 d. 4 h.	May 14 d. 18 h.	
535	viii.	July 14 d. 9 h.	Aug. 13 d. 1 h.	Sept. 11 d. 18 h.	Oct. 11 d. 10 h.	Nov. 10 d. 2 h.	Dec. 9 d. 15 h.	Jan. 8 d. 3 h.	Feb. 6 d. 13 h.	Mar. 7 d. 22 h.	April 6 d. 6 h.	May 5 d. 15 h.	May 4 d. 0 h.	July 3 d. 12 h.

INTERCALARY MONTHS IN THE METONIC CYCLE,

From the first year of the cycle, commencing with the new moon nearest to the Summer Solstice, B.C. 432, to the adoption of the Cycle of Callippus, containing four Metonic periods, or 76 years, July, A.C. 380. (Dates from Tables, Jerus. C. T.).

Inter- calary Years.	New Moon Intercalary B.C. Month.	New Moon Intercalary B.C. Month.	New Moon Intercalary B.C. Month.	New Moon Intercalary B.C. Month.	New Moon Intercalary B.C. Month.	New Moon Intercalary B.C. Month.
III.	432 June 16	410 June 12	391 June 12	372 June 12	353 June 12	334 June 13
V.	429 " 12	408 " 20	389 " 19	370 " 21	351 " 20	332 " 20
VIII.	427 " 20	405 " 17	386 " 18	367 " 17	348 " 17	
XI.	424 " 17	402 " 14	383 " 14	364 " 13	345 " 14	
XIII.	421 " 14	400 " 22	381 " 21	362 " 22	343 " 22	
XVI.	419 " 22	397 " 19	378 " 19	359 " 19	340 " 18	
XIX.	416 " 19	394 " 16	375 " 15	356 " 15	337 " 15	
	413 " 15					

Many references occur in the writings of Josephus to dates connected with the history of the Jewish war. A list of these is given in Browne, "Ordo Sæclorum," p. 537-544, together with the following table of the Jewish and Syro-macedonian months in the years A.D. 66-70. These dates are confirmed, and to some extent corrected, by those in our *Tables*.

JEWISH AND SYROMACEDONIAN MONTHS, A.D. 66-70.
(BOWNE, ORDO SECLORUM.)

14

Jewish and Syromacedonian M.	Days.	A.D. 66.	A.D. 67.	Days.	A.D. 68.	A.D. 69.	A.D. 70.
1. Nisan	1 15 30	S Mar. 16 " " April 14	Th Mar. 5 " April 3	1 15 29	W Mar. 23 " April 6 " " 20	S Mar. 12 " " 26 " April 9	Sa Mar. 31 April 14 " " 28
Xanthicus . . .							
2. Ijar	1 29	Tu April 15 " May 13	Sa April 4 " May 2	1 30	Th April 21 F May 20	M April 10 Tu May 9	S April 29 M May 28
Artemisius . . .							
3. Sivan	1 30	W May 14 Th June 12	S May 3 M June 1	1 29	Sa May 21 " June 18	W May 10 " June 7	Tu May 29 " June 26
Desius							
4. Thamuz	1 29	F June 13 " July 11	Tu June 2 " " 30	1 30	S June 19 M July 18	Th June 8 F July 7	W June 27 Th July 26
Paranus							
5. Ab	1 30	Sa July 12 S Aug. 10	W July 1 Th " 30	1 29	Tu July 19 " Aug. 16	Sa July 8 " Aug. 5	F July 27 " Aug. 24
Lous							
6. Elul	1 29	M Aug. 11 " Sept. 8	F July 31 " Aug. 28	1 30	W Aug. 17 Th Sept. 15	S Aug. 6 M Sept. 4	Sa Aug. 25 S Sept. 23
Gorpiceus							
7. Tisri	1 15 30	Tu Sept. 9 W Oct. 8	Sa Aug. 29 S " 27	1 15 29	F Sept. 16 " " 30 " Oct. 14	Tu Sept. 5 " " 19 " Oct. 3	M Sept. 24 " Oct. 8 " " 22
Hyperberetæus .							
8. Marchesvan . .	1 29	Th Oct. 9 " Nov. 6	M Sept. 28 " Oct. 26	1 30	Sa Oct. 15 S Nov. 13	W Oct. 4 Th Nov. 2	Tu Oct. 23 W Nov. 21
Dius							
9. Kisleu	1 30	F Nov. 7 Sa Dec. 6	Tu Oct. 27 W Nov. 25	1 29	M Nov. 14 " Dec. 12	F Nov. 3 " Dec. 1	Th Nov. 22 " Dec. 20
Appellæus							
10. Tebeth	1	S Dec. 7 A.D. 67. Jan. 4	Th Nov. 26 " Dec. 24	1	Tu Dec. 13 A.D. 69. W Jan. 11	Sa Dec. 2 S " 31	F Dec. 21 " " " "
Andynæus	29	" Jan. 5	" Dec. 25	30	W Jan. 12	S " 31	" " " "
11. Shebat	1	M Jan. 5	F Dec. 25 A.D. 68, B. Sa Jan. 23	1	Th Jan. 12	M Jan. 1 A.D. 70. " Jan. 29	" " " "
Peritius	30	Tu Feb. 3	Sa Jan. 23	29	" Feb. 9	" Jan. 29	" " " "
Adar	1	W Feb. 4	S Jan. 24	1	F Feb. 10	Tu Jan. 30	" " " "
Dysrus	29	" Mar. 4	" Feb. 21	30	Sa Mar. 11	W Feb. 28	" " " "
13. Ve-adar . . . .	...	...	1. M Feb. 22 30. Tu Mar. 22	...	...	1. Th Mar. 1 30. F Mar. 30	" " " "
Dioscorus . . . .	...	...	...	...	...	...	" " " "

JEWISH AND SYROMACEONIAN MONTHS, A.D. 66-70.

DATES FROM TABLES, JERUSALEM CIVIL TIME.

18.

Jewish and Syromacedonian M.	A.D. 66.	A.D. 67.	A.D. 68.	A.D. 69.	A.D. 70.
1. Nisan	d. h. Mar. . 14 20 Friday	d. h. Mar. . 4 3 Wednesday	d. h. Mar. . 22 3 Tuesday	d. h. Mar. . 11 19 Saturday	d. h. Mar. . 20 20 Friday
2. Xanthicus					
3. Ijar	d. h. April. 13 11 Sunday	d. h. April. 2 15 Thursday	d. h. April. 20 12 Wednesday	d. h. April. 10 3 Monday	d. h. April. 29 3 Sunday
4. Artemisius					
5. Sivan	d. h. May . 13 2 Tuesday	d. h. May . 2 4 Saturday	d. h. May . 19 23 Thursday	d. h. May . 9 11 Tuesday	d. h. May . 28 10 Monday
6. Dæsius					
7. Thamuz	d. h. June . 11 18 Wednesday	d. h. May . 31 18 Sunday	d. h. June . 18 11 Saturday	d. h. June . 7 19 Wednesday	d. h. June . 26 17 Tuesday
8. Panemus					
9. Ab	d. h. July . 11 8 Friday	d. h. June . 30 9 Tuesday	d. h. July . 18 2 Monday	d. h. July . 7 6 Friday	d. h. July . 26 3 Thursday
10. Lous					
11. Elul	d. h. Aug. . 9 21 Saturday	d. h. July . 30 1 Thursday	d. h. Aug. . 16 18 Tuesday	d. h. Aug. . 5 19 Saturday	d. h. Aug. . 24 14 Friday
12. Gorpæus					
13. Tisri	d. h. Sept. . 8 9 Monday	d. h. Aug. . 28 17 Friday	d. h. Sept. . 15 11 Thursday	d. h. Sept. . 4 11 Monday	d. h. Sept. . 23 5 Sunday
14. Hyperberetæus					
15. Marchesvan	d. h. Oct. . 7 21 Tuesday	d. h. Sept. . 27 8 Sunday	d. h. Oct. . 15 4 Saturday	d. h. Oct. . 4 5 Wednesday	d. h. Oct. . 22 23 Monday
16. Dius					
17. Kisleu	d. h. Nov. . 6 8 Thursday	d. h. Oct. . 26 21 Monday	d. h. Nov. . 13 20 Sunday	d. h. Nov. . 3 0 Friday	d. h. Nov. . 21 18 Wednesday
18. Apellæus					
19. Tebeth	d. h. Dec. . 5 19 Friday	d. h. Nov. . 25 10 Wednesday	d. h. Dec. . 13 11 Tuesday	d. h. Dec. . 2 18 Saturday	d. h. Dec. . 21 13 Friday
20. Andynæus					
21. Shebat	d. h. Jan. . 4 6 Sunday	d. h. Dec. . 24 21 Thursday	d. h. Jan. . 11 23 Wednesday	d. h. Jan. . 1 10 Monday	
22. Peritius					
23. Adar	d. h. Feb. . 2 16 Monday	d. h. Jan. . 23 8 Saturday	d. h. Feb. . 10 10 Friday	d. h. Jan. . 31 0 Wednesday	
24. Dystrus					
25. Ve-adar		d. h. Feb. . 21 18 Sunday		d. h. Mar. . 1 11 Thursday	
26. Dioscorus					

CANON OF S. HIPPOLYTUS.

The Octaëteris, or 8-years' lunar cycle, was one of the Paschal cycles in early use in the Christian Church. In the year A.D. 1551 was disinterred near the church of St. Laurence, at Rome, a marble monument of an ecclesiastic seated in a chair, on each side of which was an inscription in Greek; on the right side, a Paschal cycle beginning at the first year of Alexander Severus, with seven columns of dates; and on the left a table of corresponding Easter Sunday dates. The monument is preserved in the Vatican.

The exordium of the Canon is as follows:—"In the first year of the Emperor Alexander, the fourteenth of the Passover fell on the Ides of April, Saturday, the preceding year having received an intercalary month. In the succeeding years the day will be as is set down below in the Table. In the preceding years it fell as is here marked." The statue has been recognised as that of Hippolytus, Bishop of Portus, who wrote a treatise on the Passover, and constructed a 16-years Paschal cycle (the Octaëteris doubled).

We give here a copy of the Paschal Table of the monument. The first column contains the date of the 14th day of the Paschal moon, for 16 years, with the weekdays indicated by the first seven letters of the alphabet. The remaining columns contain only the weekdays, on the assumption that the Julian date recurs after a lapse of sixteen years. It is interesting to observe that the earliest Paschal limit in the Canon of Hippolytus is the 18th of March, which was, according to the *Acta Pilati*, the day of the Crucifixion, A.D. 29.

This venerable Christian calendar *is correct as to its weekdays throughout*, and also as to the coincidence of the full moon with its 14th day of the month *in the earlier entries*; but the later dates are out of harmony with the times of full moon, owing to the error of the 8-years' cycle, as will be seen by a comparison of the Julian dates in the first column of the Canon of Hippolytus, and those in the remaining columns, with the dates of the actual full moons from our lunar *Tables*. Thus, instead of the first date, April 13, being repeated in the years A.D. 222, 238, 254, 270, 286, 302, and 318, as in the Canon, the true dates of full moon in those years are April 14, 16, 19, 22, 26, 29, and May 2; the error growing with each repetition of the cycle, until it amounts to 18 days, and in its course making the Paschal *full* moon of the Canon of St. Hippolytus coincide with the *new* moon of the heavens. The error of the Canon in its *later*, and its correctness in its *earlier* dates, confirm the inscription it bears assigning its composition to the first year of the Emperor Alexander Severus, A.D. 222.

CANON OF S. HIPPOLYTUS.
(BROWNE, ORDO SÆCULORUM).

14th of the Moon.	A.D.	1st Cycle.	A.D.	2nd Cycle.	A.D.	3rd Cycle.	A.D.	4th Cycle.	A.D.	5th Cycle.	A.D.	6th Cycle.	A.D.	7th Cycle.
1 13 April	222	Sat.	238	Fri.	254	Thurs.	270	Wed.	286	Tues.	302	Mon.	318	Sun.
2 2 April	3	Wed. (Nativity)	9	Tues.	5	Mon.	1	Sun.	7	Sat.	3	Fri.	9	Thurs.
3 21, 20 Mar.	4	Sun. (Hezekiah)	240	Sat.	6	Fri. } (Joshua)	2	Thurs.	8	Wed.	4	Tues.	320	Mon.
4 9 April	5	Sat. (Josias)	1	Fri.	7	Thurs.	3	Wed.	9	Tues.	5	Mon.	1	Sun.
5 29 Mar.	6	Wed.	2	Tues.	8	Mon.	4	Sun.	290	Sat.	6	Fri.	2	Thurs.
6 18 Mar.	7	Sun.	3	Sat.	9	Fri.	5	Thurs.	1	Wed.	7	Tues.	3	Mon.
7 5 April	8	Sat.	4	Fri.	260	Thurs.	6	Wed. (Joshua) Daniel)	2	Tues.	8	Mon.	4	Sun.
8 25 Mar.	9	Wed.	5	Tues.	1	Mon.	7	Sun.	3	Sat.	9	Fri.	5	Thurs.
9 13 April	230	Tues.	6	Mon.	2	Sun.	8	Sat.	4	Fri.	310	Thurs.	6	Wed.
10 2 April	1	Sat.	7	Fri.	3	Thurs.	9	Wed.	5	Tues.	1	Mon.	7	Sun. } (Exode)
11 21, 20 Mar.	2	Wed.	8	Tues.	4	Mon.	290	Sun.	6	Sat.	2	Fri.	8	Thurs.
12 9 April	3	Tues.	9	Mon.	5	Sun.	1	Sat.	7	Fri.	3	Thurs.	9	Wed. } (Passover in the Desert)
13 29 Mar.	4	Sat.	250	Fri.	6	Thurs.	2	Wed.	8	Tues.	4	Mon.	330	Sun.
14 18 Mar.	5	Wed.	1	Tues.	7	Mon.	3	Sun.	9	Sat.	5	Fri.	1	Thurs.
15 5 April	6	Tues. (Exodus) Daniel }	2	Mon.	8	Sun.	4	Sat.	300	Fri.	6	Thurs.	2	Wed. } (Ezra)
16 25 Mar.	7	Sat.	3	Fri. } (Passion)	9	Thurs.	5	Wed.	1	Tues.	7	Mon.	3	Sun.

CANON OF S. HIPPOLYTUS.

(DATES FROM TABLES, JERUSALEM CIVIL TIME.)

	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.	A.D.
1	222	April 14	238	April 16	254	April 19	270	April 22	286	April 26	302	April 29	318	May 2
2	223	" 3	239	" 6	255	" 8	271	" 12	287	" 15	303	" 18	319	April 21
3	224	" 21	240	Mar. 25	256	Mar. 28	272	Mar. 31	288	" 3	304	" 6	320	" 9
4	225	" 10	241	April 13	257	April 16	273	April 19	289	" 22	305	" 25	321	" 28
5	226	Mar. 30	242	" 3	258	" 6	274	" 9	290	" 12	306	" 15	322	" 18
6	227	" 20	243	Mar. 23	259	Mar. 26	275	Mar. 29	291	" 1	307	" 4	323	" 7
7	228	April 7	244	April 10	260	April 12	276	April 16	292	" 19	308	" 22	324	" 25
8	229	Mar. 27	245	Mar. 30	261	" 2	277	" 5	293	" 8	309	" 11	325	" 14
9	280	April 15	246	April 18	262	April 21	278	April 24	294	April 27	310	April 30	326	May 3
10	281	" 5	247	" 7	263	" 10	279	" 13	295	" 16	311	" 19	327	April 23
11	282	Mar. 24	248	Mar. 27	264	Mar. 30	280	" 2	296	" 5	312	" 8	328	" 11
12	283	April 12	249	April 15	265	April 18	281	" 21	297	" 24	313	" 27	329	" 30
13	284	" 1	250	" 4	266	" 7	282	" 10	298	" 13	314	" 16	330	" 19
14	285	Mar. 21	251	Mar. 24	267	Mar. 27	283	Mar. 30	299	" 2	315	" 6	331	" 9
15	286	April 8	252	April 11	268	April 14	284	April 17	300	" 20	316	" 23	332	" 23
16	287	Mar. 29	253	" 1	269	" 4	285	" 7	301	" 10	317	" 13	333	" 16

EPACT IN THE CHRISTIAN CALENDAR.

In our modern calendar the epact for the year is given. The application of the dates in the *Tables* to the Christian calendar of past times casts interesting light on the origin of the ecclesiastical use of epact, or the time when it was first introduced from the Greek into the Christian calendar.

A discovery of the errors of the Octaëteris, and other similar cycles, led to the employment of epact. In old style the epact was *the age of the moon* on the first possible location of Easter day, the 22nd of March; in new style epact means the age of the moon on the 1st of January. The excess of the solar year above the lunar is 10 d. 21 h. In case the new moon falls on the 1st of January, its age on the following 1st of January will be 10 d. 21 h., or 11 days. In the second year it will be double this, or 22 days; and in the third year treble, or 31–32 days; of this quantity $29\frac{1}{2}$ days will form an intercalary month, and the remaining 3 days will be the epact for the year.

In the course of the 19-years' lunar cycle, the epact for the contained years will be 11, 22, 3, 14, 25, 6, 17, 28, 9, 20, 1, 12, 23, 4, 15, 26, 7, 18, 29 days. In the following table *this series of epact amounts stands in the first column*, while the *true* age of the moon on the 22nd of March is shown in three 19-years' periods, separated by 532 years. (The period of 532 years consists of the 28-years' solar cycle of the week, multiplied by the 19-years' lunar cycle.) It will be seen that while a comparison of the epact quantities in the first column with the age of the moon in the *central* sixth century column reveals a correspondence, in the first century column the age of the moon on the 22nd of March falls *short* of the assigned epact by 2 days throughout, and in the eleventh century column the dates are 2 days in *excess*. The correspondence in the centre column indicates

the antiquity of the ecclesiastical calendar, and confirms the historical date of its origin.¹

EPACT. OLD STYLE.

(JERUSALEM CIVIL TIME.)

Epact.	A.D.	Age of Mean Moon. March 22.		A.D.	Age of Mean Moon. March 22.		A.D.	Age of Mean Moon. March 22.	
<i>d.</i>		<i>d.</i>	<i>h.</i>		<i>d.</i>	<i>h.</i>		<i>d.</i>	<i>h.</i>
11	1	8	15	533	10	7	1065	12	0
22	2	19	6	534	20	23	1066	22	16
3	3	0	8	535	2	1	1067	3	18
14	4	11	23	536	13	16	1068	15	9
25	5	22	15	537	24	8	1069	26	0
6	6	3	17	538	5	10	1070	7	3
17	7	14	8	539	16	1	1071	17	18
28	8	25	23	540	27	16	1072	29	9
9	9	7	2	541	8	19	1073	10	12
20	10	17	17	542	19	10	1074	21	3
1	11	28	8	543	0	12	1075	2	5
12	12	10	11	544	12	4	1076	13	21
23	13	21	2	545	22	19	1077	24	12
4	14	2	4	546	3	21	1078	5	14
15	15	12	20	547	14	12	1079	16	5
26	16	24	11	548	26	4	1080	27	21
7	17	5	13	549	7	6	1081	8	23
18	18	16	4	550	17	21	1082	19	14
29	19	26	20	551	28	13	1083	0	17

¹ A simple and ingenious correction of the epact quantities employed in the calendar was proposed by Lullius, and adopted at the reformation of the calendar; it consisted of increasing the epact 1 day in 16 lunar cycles, or 304 years, or changing the epact series 11, 22, 3, etc., to 12, 23, 4, etc.

The lunar character of the Jewish Calendar is shown in the following table of the twelve months which constituted its year 5604, corresponding to Sept., 1843–Aug., 1844. The true new moons are from our Tables; and it will be noticed that the Jewish months fall a little later, and that they fairly agree with the dates of lunar phasis.

CALENDAR OF JEWISH YEAR 5604.

No. of Month.	True New Moons—Tables.				Jewish Months.	
	A.D. 1843.					
		d.	h.	m.		
I.	Sept.	24	0	58	Sept. 25	1st of Tisri
II.	Oct.	23	9	53	Oct. 25	„ Hesvan
III.	Nov.	21	19	54	Nov. 24	„ Kislev
IV.	Dec.	21	7	21	Dec. 24	„ Tebet
	A.D. 1844.					
V.	Jan.	19	20	21	Jan. 22	„ Sebat
VI.	Feb.	18	10	50	Feb. 21	„ Adar
VII.	Mar.	19	2	30	Mar. 21	„ Nisan
VIII.	April	17	18	53	April 19	„ Yiar
IX.	May	17	11	10	May 19	„ Sivan
X.	June	16	2	35	June 18	„ Tamuz
XI.	July	15	16	30	July 17	„ Ab
XII.	Aug.	14	4	45	Aug. 16	„ Elul

SOLAR AND LUNAR CYCLES.

3. Having shown the use of the *Tables* in the verification of particular dates, and of series of dates, it remains to exhibit their use *in tracing lunar and solar cycles*.

The 49-years' Jubilee cycle, employed in early times by the Jews, has an error which accumulates to 1 month in 22 Jubilees, or 1078 years. In the following table the accumulation of the error can be seen at a glance, and its correction in the 1078 years' cycle.

2300-YEARS' CYCLE.

CORRECTING THE ERROR OF THE 19-YEARS' METONIC CYCLE.

JERUSALEM CIVIL TIME, O.S.

No.	Years.	B.C.	Vernal Equinox.		Mean New Moon.	
			d.	h.	d.	h.
		457	Mar.	26 10	Mar.	25 12
1	209	248	"	25 1	"	25 2
2	418	39	"	23 16	"	24 16
		A.D.				
3	627	171	"	22 7	"	24 5
4	836	380	"	19 22	"	22 19
5	1045	589	"	18 13	"	22 9
6	1254	798	"	17 5	"	21 23
7	1463	1007	"	15 20	"	21 13
8	1672	1216	"	13 11	"	20 3
9	1881	1425	"	12 2	"	19 17
10	2090	1634	"	10 17	"	19 7
11	2299	1843	"	9 8	"	18 21
		1844	"	8 14	"	7 6

We terminate our brief examination of cycles connected with the principal calendars by tracing the 42 cycles of the Mohammedan Calendar, which extend from its starting point at the Hejira era, July 16, A.D. 622, to the year 1844. The Mohammedan Calendar is strictly lunar, and is based on a 30-years' cycle of the lunar month and solar day. Thirty lunar years are 360 months, or lunations, each month being reckoned at 29 d. 12 h. 44 m. The fraction 12 h. 44 m., multiplied by 360, amounts to 191 d. 0 h. 0 m. Thus 360 lunations, or 30 lunar years, are 10,631 d. 0 h. 0 m., according to the Mohammedan Calendar, which omits the small remaining fraction of 3 seconds in the length of the lunation.

The first of Moharram in the calendar corresponds with the lunar *phasis*, and is preceded by the actual new moon throughout, as shown in the following table:—

42 LUNAR CYCLES OF THE MOHAMMEDAN CALENDAR.

No. Cycle.	Lunar Year.	A.D.	New Moon, <i>Tables.</i> Jerusalem Civil Time.			First day of Moharram. <i>L'art de verifier les dates.</i>		
			<i>d.</i>	<i>h.</i>				
1	1	622	July .	14	7 Wed.	July 16 . .	Fri.	
2	31	651	Aug. .	22	3 Mon.	Aug. 24 . .	Wed.	
3	61	680	Sept. .	28	16 Fri.	Oct. 1 . .	Mon.	
4	91	709	Nov. .	6	18 Wed.	Nov. 9 . .	Sat.	
5	121	738	Dec. .	15	22 Mon.	Dec. 18 . .	Th.	
6	151	768	Jan. .	24	11 Sun.	Jan. 26 . .	Tu.	
7	181	797	Mar. .	3	15 Fri.	Mar. 5 . .	Sun.	
8	211	826	April. .	11	6 Wed.	April 13 . .	Fri.	
9	241	855	May .	19	19 Sun.	May 22 . .	Wed.	
10	271	884	June .	26	18 Fri.	June 29 . .	Mon.	
11	301	913	Aug. .	5	2 Th.	Aug. 7 . .	Sat.	
12	331	942	Sept. .	13	9 Tu.	Sept. 15 . .	Th.	
13	361	971	Oct. .	22	6 Sun.	Oct. 24 . .	Tu.	
14	391	1000	Nov. .	28	21 Th.	Dec. 1 . .	Sun.	
15	421	1020	Jan. .	6	20 Tu.	Jan. 9 . .	Fri.	
16	451	1059	Feb. .	15	6 Mon.	Feb. 17 . .	Wed.	
17	481	1088	Mar. .	25	16 Sat.	Mar. 27 . .	Mon.	
18	511	1117	May .	3	17 Th.	May 5 . .	Sat.	
19	541	1146	June .	11	5 Tu.	June 13 . .	Th.	
20	571	1175	July .	19	18 Sat.	July 22 . .	Tu.	
21	601	1204	Aug. .	26	19 Th.	Aug. 29 . .	Sun.	
22	631	1233	Oct. .	5	6 Wed.	Oct. 7 . .	Fri.	
23	661	1262	Nov. .	13	14 Mon.	Nov. 15 . .	Wed.	
24	691	1291	Dec. .	22	12 Sat.	Dec. 24 . .	Mon.	
25	721	1321	Jan. .	29	4 Th.	Jan. 31 . .	Sat.	
26	751	1350	Mar. .	9	2 Tu.	Mar. 11 . .	Th.	
27	781	1379	April. .	17	10 Sun.	April 19 . .	Tu.	
28	811	1408	May .	25	18 Fri.	May 27 . .	Sun.	
29	841	1437	July .	3	16 Wed.	July 5 . .	Fri.	
30	871	1466	Aug. .	11	4 Mon.	Aug. 13 . .	Wed.	
31	901	1495	Sept. .	18	19 Fri.	Sept. 21 . .	Mon.	
32	931	1524	Oct. .	27	1 Th.	Oct. 29 . .	Sat.	
33	961	1553	Dec. .	5	13 Tu.	Dec. 7 . .	Th.	
34	991	1583	Jan. .	13	22 Sun.	{ Jan. 15, O.S.	Tu.	
35	1021	1612	Feb. .	21	18 Fri.	{ 25, N.S.		
36	1051	1641	Mar. .	31	7 Wed.	{ Feb. 23 . .	Sun.	
37	1081	1670	May .	9	5 Mon.	{ Mar. 4 . .		
38	1111	1699	June .	17	11 Sat.	{ April 2 . .	Fri.	
39	1141	1728	July .	25	18 Th.	{ 12 . .		
40	1171	1757	Sept. .	2	16 Tu.	{ May 11 . .	Wed.	
41	1201	1786	Oct. .	11	5 Sun.	{ 21 . .		
42	{ 1231	1815	Nov. .	19	1 Fri.	{ June 19 . .	Mon.	
	{ 1260	1844	Jan. .	7	20 Fri.	{ 29 . .		
						{ July 27 . .	Sat.	
						{ Aug. 7 . .		
						{ Sept. 4 . .	Th.	
						{ 15 . .		
						{ Oct. 13 . .	Tu.	
						{ 24 . .		
						{ Nov. 21 . .	Sun.	
						{ Dec. 3 . .		
						{ Jan. 10 . .	Mon.	
						{ " 22 . .		

4. The principal use of the *Tables* is the demonstration they afford of the astronomic character and value of the periods 1,260 and 2,300 years, and of their difference 1,040 years; periods shown to be solar and lunar cycles by the Swiss astronomer, De Cheseaux, more than a century ago.

The present volume of *Tables* confirms the remarkable conclusions reached by De Cheseaux, and greatly enlarges the evidence of the accurate and far-reaching adjustment connecting these periods with solar and lunar revolutions. De Cheseaux proved that 1,260 and 2,300 tropical years, and their difference 1,040 years, are cycles of synodic months and solar or equinoctial years, and that the latter is the largest accurate cycle of this order known, besides being a cycle of the solar day and solar year. The present volume of *Tables* proves that 2,300 years has a cyclical connection with solar and lunar *anomaly*, that it is a cycle of the anomalistic month, with the synodic month and solar year, and also measures 40 days of the *annus magnus* of the revolution of the solar perigee with reference to the equinoxes; and that therefore it is possible to deduce from these periods not only the measures of the synodic month and tropical year, but those of the *anomalistic month and anomalistic year*, and that with such correctness as to afford a basis for the computation of astronomic tables of equinoxes, and new and full moons, both mean and true, for any required period.

More than 100,000 solar and lunar dates, extending over 3,555 years, have been calculated from these remarkable cycles, and are tabulated in this volume; namely 101,217 vernal equinoxes, and new and full moons, mean and true, occupying 627 pages of printed matter. The correctness of the *Tables* is amply confirmed by the correspondence of their dates of new and full moons with those of more than 12,000 solar and lunar eclipses in Oppolzer's invaluable *Canon der Finsternisse*.

Finding M. de Cheseaux's work in the British Museum, and having had it carefully transcribed, I submitted the copy to the examination of the late Professor J. C. Adams, of Cambridge, in the year 1878. While verifying De Cheseaux's calculations as to the cyclical character of the periods 1,260, 2,300, and 1,040 years, Professor Adams pointed out that De Cheseaux had erred in supposing "that the excentricity of the earth's orbit was the same in the time of Daniel as in his own time, whereas it was very sensibly greater." De Cheseaux's error on this point, which arose from the imperfection of astronomic knowledge on the subject in his day, certainly vitiated his attempt to derive from these cycles the five elements of the solar theory; in his own words, to deduce "*les cinq elements de la Theorie du Soleil, d'une manière autant et plus exacte, que par les meilleures methodes astronomiques.*" Within the last century, Laplace, Leverrier, Adams, Hansen, Plana, De Pontécoulant, and other astronomers have devoted much attention to the question of the diminution of the excentricity of the earth's orbit, and have not only established the change of excentricity and measured its rate, but have traced out its cause and its effects; that it is "due to the combined action of all the other planets," and is the cause of *the secular acceleration of the moon's mean motion*, a change which is "one of the most curious and instructive in the range" of physical astronomy, "one which leads our speculations farther into the past and future, and points to longer vistas in the dim perspective of changes which our system has undergone, and is yet to undergo, than any other which observation, assisted by theory, has developed."¹ The moon is now "about a degree ahead of where she ought to have been had her motion been uniform from the time of Hipparchus and Ptolemy."² The investigations of Pro-

¹ *Outlines of Astron.*, Sir J. Herschel, art. 740.

² Newcomb, *Astron.*, p. 96.

fessor Adams have shown that the account received by astronomers of the cause of lunar acceleration was incomplete, and explained only half the acceleration. Delaunay, the French mathematical astronomer, traced the remaining effect to "tidal friction" as reducing the rate of the earth's axial revolution.

A consequence of the secular acceleration of the moon's mean motion is that the value of the synodic month, generally accepted by astronomers in the present day, 29*d.* 12*h.* 44*m.* 2·84*s.*, or 29·5305887 days, yields results which *require correction* for distant periods, past or future. It is impossible to assign any period as the exact measure of the synodic month which will hold good for all time. In adopting as the measure of the synodic month, at the base of the present *Tables*, a period slightly larger than the above, derived directly from the 1,040 years' cycle, viz., 29*d.* 12*h.* 44*m.* 3*s.* 6*thirds*, or 29·5305916,¹ we employ a measure which, in the absence of any correction for secular inequalities, *yields better results*² than the best and most accurate measures of the lunation now used by astronomers.

In illustration of this we may point to the dates in the present *Tables* of the mean new moons in the fourth century, when the Christian Calendar now in use took its rise. Calculating the date of the first mean new moon in A.D. 301 (Jerusalem civil time) by the tables in the *Encyclopædia Britannica*, and *correcting for secular inequalities*, we reach results which closely agree with the date of the mean new moon in our *Tables*.

¹ Exceeding 29·5305887 by ·0000029, a fraction of a single second.

² For past dates.

		<i>d.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>
A.D. 1801.	January	14	7	39	9
— 1500.	. . . . .	11	12	25	59
		25	20	5	8
Correction,	Long. Jerusalem	+ 2	21	0	
„	Civil Time . . .	+ 12	0	0	
		26	10	26	8
Correction,	Secular Equations	— 1	18	33	
A.D. 301.	January	26	9	7	35

On comparing the result here with our *Tables*, we find a close agreement with our *uncorrected mean new moon* for the same date. The first mean new moon, A.D. 301, in our *Tables* is January 26*d.* 9*h.* 7*m.* The agreement of our mean new moon with the *corrected* mean new moon of the *Encyclopædia Britannica*, proves that the 1,040 years' cycle, from which we derive our measures, is closely adjusted to the chronology of the century distinguished by the institution of the Christian Calendar.¹

In order to show this fact we have calculated by the astronomical tables in the *Encyclopædia Britannica*, 7th edition, the date of the first mean new moon in each century from A.D. 1801 to B.C. 800, *applying in every case the secular corrections*, which run from 0*h.* 0*m.* 0*s.* in 1801, to 3*h.* 52*m.* 5*s.* in B.C. 800. We have then compared the series of dates thus obtained with the mean new moons in our *Tables* for the same period, and find the following differences :—

¹ The date of the Council of Nice was A.D. 325.

FIRST MEAN NEW MOON IN EACH CENTURY.

DIFFERENCES OF THE DATES IN OUR TABLES FROM THOSE CALCULATED FROM
TABLES IN *ENCYCLOPEDIA BRITANNICA*, CORRECTED BY SECULAR EQUATIONS.

A.D.	Differences.	A.D.	Differences.
	<i>h. m. s.</i>		<i>h. m. s.</i>
1801	—0 2 0	201	+0 4 20
1701	—0 5 39	101	+0 11 35
1601	—0 9 35	1	+0 18 36
1501	—0 13 48	B.C.	
1401	—0 16 19	100	+0 26 16
1301	—0 18 9	200	+0 33 35
1201	—0 19 16	300	+0 42 33
1101	—0 20 41	400	+0 51 11
1001	—0 20 25	500	+1 2 27
901	—0 19 28	600	+1 12 21
801	—0 17 50	700	+1 23 54
701	—0 15 30	800	+1 35
601	—0 13 30		
501	—0 10 50		
401	—0 5 29		
301	—0 0		

The adjustment of the measures of the lunation derived from the 1,040 years' cycle to the uses of the Christian Calendar is proved by the fact that *the error resulting from their employment nowhere exceeds 20 minutes*. Employing these measures, and starting with the month of March, A.D. 1844, we reach an error of 2 minutes in 1801; the error grows to 20 minutes in A.D. 1101, and then diminishes to 0*h. 0m.* in A.D. 301, increasing again to 18½ minutes in A.D. 1.

In computing the long series of lunar dates contained in our *Tables*, the saving of time and labour by *dispensing with the use of secular equations* has been very great. When employing our *Tables*, those who are desirous of greater accuracy than they afford can apply the needed corrections, but the errors we have indicated may well be considered as

too small to affect injuriously the value of the *Tables* for all ordinary chronological purposes.

On page xvii. the first solar eclipse of each century from B.C. 1100 to A.D. 1900, as stated in Oppolzer's *Canon*, is compared with the corresponding true new moon of our *Tables*. It will be observed that while the mean difference between the two series of new moons is -10 minutes, the *minus* differences prevail in the second half of the series, and the *plus* differences in the first half. This agrees with the result we have just exhibited of employing a measure of the synodic month derived from the 1,040 years' cycle, exceeding by a fraction of a second that used by Oppolzer and other modern astronomers. Though thus slightly exceeding the lunation of the most modern tables, our measure of the synodic month is in fairly close agreement with the lunation of lunar tables of a little older date.

LUNATION.

	<i>d.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>'''</i>	<i>''''</i>
Ferguson's Tables . .	29	12	44	3	2	58
From 1,040 Years' Cycle	29	12	44	3	6	57

10,000 LUNATIONS.

	<i>d.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>'''</i>
Ferguson's Tables . .	295,305	21	48	15	20
From 1,040 Years' Cycle	295,305	21	59	19	8

The mean of the lunations used by Cassini, Flamsteed, De la Hire, Bouillaud, Tycho, etc., as shown by De Cheseaux, has no sensible difference from the measure yielded by the 1040 years' cycle.

A word in conclusion as to the labour and care with which the present *Tables* have been computed. The whole of the new moons from B.C. 747 to A.D. 1934, and also of the vernal equinoxes for the same period, have been *twice computed*, and the results carefully compared throughout.

The first calculation of the true new moons was made on Houzeau's method "du calcul rapide des phases lunaires, à l'usage des personnes qui s'occupent d'études historiques," based on the 7,412 days' anomalistic cycle, containing 251 synodic and 269 anomalistic months. This extensive table was calculated for me under the supervision of E. Walter Maunder, Esq., F.R.A.S., Secretary of the Royal Astronomical Society. Though valuable as a first draft, and as a means of checking the correctness of later work, the table, owing to its method of calculation, was less accurate than that presented in this volume; it was also less extensive, as commencing with B.C. 747 (date of the Nabonassar Era), whereas the present *Tables* ascend 875 years further to the probable date of the Exodus, B.C. 1622.

In the preparation of the present *Tables* I have had the assistance of a very careful computer, Mr. Thomas Wright, of the Nautical Almanac Office, who has also corrected the proofs as the work passed through the press. As an indication of the general accuracy of the work I may refer to the test of the mean new moons of the tables afforded by the 1040 years' cycle. Applied at any point the lunar cycle of 1,040 years shows a correspondence of the mean new moons at its commencement and close. The anticipation of the Julian equinox in 1,040 years is just 8 days; allowing for this, it will be found that the new moons correspond with remarkable accuracy.

CORRESPONDENCE OF MEAN NEW MOONS IN THE 1040 YEARS' LUNAR CYCLE.

A.D.				
		d.	h.	m.
826	Mar.	20	9	27
	April	18	22	11
	May.	18	10	55
	June	16	23	39
	July.	16	12	23
	Aug.	13	1	7
	Sept.	18	13	51
	Oct.	18	2	35
	Nov.	11	15	19
	Dec.	11	4	8

A.D.				
		d.	h.	m.
1866	Mar.	12	9	27
	April	10	22	11
	May.	10	10	55
	June	8	23	39
	July	8	12	23
	Aug.	7	1	7
	Sept.	5	13	51
	Oct.	5	2	35
	Nov.	3	15	19
	Dec.	3	4	8

B.C.	Mean New Moon.			Difference.		
	d.	h.	m.	d.	h.	m.
1622	April	5	5	12	} 8	0 0
582	March	28	5	12		
1046	Sept.	21	8	2	} 8	0 0
6	Sept.	13	8	2		
1012	March	12	0	0	} 8	0 0
A.D.						
29	March	4	0	0	} 8	0 0
B.C.						
82	Jan.	20	8	1	} 8	0 0
A.D.						
959	Jan.	12	8	1	} 8	0 0
29	March	4	0	0		
1069	Feb.	21	0	0	} 8	0 0
622	July	14	0	17		
1662	July	6	0	17	} 8	0 0
894	Oct.	3	12	10		
1934	Sept.	25	12	19	} 8	0 0

We will close this Introduction by citing the testimony of one or two competent witnesses as to the intimate connection of Natural and Revealed Chronology.

In the chapter on Chronological Astronomy, contained in the fourth edition of his *Handbook of Astronomy*, George F. Chambers, F.R.A.S., after giving an account of De Cheseaux's discoveries brought under public notice in my works, and also of some of my investigations in the same direction, adds the following reflections: "Such are some of the adjustments which astronomy discloses between the prophetic times and the periods which affect the material universe. They are adjustments of such a character as only modern science, with its instruments of exact precision, could discover, and were of necessity unknown to the prophets of bygone ages. The periods which the prophets foretold as destined to measure cycles of moral harmonization are themselves cycles of material harmonization. There is a mutual adjustment between the material and moral worlds. The course of revealed Redemption chronology, Levitical and Prophetic, is in profound and exact agreement in all its details and all its extent with the Time Order of the Universe."¹

We will conclude with a sentence from De Cheseaux's treatise on the astronomical character of the prophetic times in the Book of Daniel. "For many ages the Book of Daniel, and especially these passages of it, have been quoted and commented on by numerous and varied authors, so that it is impossible for a moment to call in question their antiquity. Who can have taught their author the marvellous relation of the periods he selected with soli-lunar revolutions? Is it possible, considering all these points, to fail to recognise in the Author of the Book of Daniel, the Creator of the heavens and all their hosts, of the earth and the things that are therein?"

¹ Vol. II., p. 467.

SUPPLEMENTARY NOTES BY MR. MARTH ON THE EQUINOX DATES, AND LENGTH OF THE EQUINOCTIAL YEAR.

THE Vernal Equinoxes in this volume are all *mean* Vernal Equinoxes. A Table has been computed by Mr. Marth, which we append, to exhibit the correction they require for the times (approximately stated) of the *true* Vernal Equinoxes.

“What is the real time of the Equinox? It is the time when the plane of the Earth’s equator apparently passes through the Sun’s centre, or when the geocentric declination of the Sun is 0° . About the time of the Equinox the hourly rate of change of declination is about $1'$, or in one minute of time the declination changes about $1''$. The determination of the time of the Equinox is accordingly a rather complicated problem, and Bradley’s observations in the middle of the last century are really the first which nowadays can be used, the remaining errors at the Vernal Equinox being fortunately counteracted by those of the Autumnal Equinox. The differences of the times of successive Equinoxes vary considerably, as may be easily found by comparing the times given in the *Nautical Almanac* up to 1875, since later on the times are only given to the nearest hour. Yet the length of the sidereal solar year does not change, and that of the tropical year only changes on account of the precession changing. For the solar year is determined by the Sun’s *mean* longitudes reckoned from the mean Equinox, and these are deduced from the observed longitudes by taking all the perturbations, and especially the eccentricity, of the earth’s orbit duly into account. If all the smaller perturbations are neglected, and only the eccentricity and the shifting of the perigee are taken into account, the times between successive Vernal and Autumnal Equinoxes and the length of the tropical year may be found in the following

computation deduced from Le Verrier's Tables, which are certainly the most trustworthy at present, though they may be supplanted before long by Newcomb's new ones, which will take into account the observations of the last forty years. By looking over the differences of the Equinoxes, it is seen that for the Vernal Equinoxes the differences increase, as they have done since B.C. 3000, when they were at a minimum $48^m 20^s.8$; while the differences of the Autumnal Equinoxes decrease rather faster than the length of the tropical year."

LENGTH OF THE TROPICAL YEAR AT DIFFERENT DATES, COMPUTED FROM LEVERRIER'S TABLES."

	Length of Tropical Year.				Vernal Equinoxes.			Autumnal Equinoxes.		
	<i>d.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>	<i>h.</i>	<i>m.</i>	<i>s.</i>
B.C. 1608	365	5	49	4.69	5	48	27.4	5	49	42.8
1493				4.07			28.0			40.2
1378				3.45			28.6			38.0
1263				2.83			29.4			35.8
1143				2.21			30.2			33.6
1033				1.59			31.1			31.5
918				0.97			32.1			29.4
803			49	0.35			33.2			27.4
688			48	59.73			34.5			25.4
573				59.11			35.7			23.3
458				58.49			37.0			21.3
343				57.86			38.3			19.1
228				57.24			39.5			16.9
B.C. 113				56.68			40.6			14.6
A.D. 8	365	5	48	56.00	5	48	41.8	5	49	12.2
118				55.38			42.8			9.7
233				54.76			43.8			7.1
348				54.14			44.8			4.5
463				53.52			45.8	49		1.9
578				52.90			46.8	48		59.4
693				52.28			47.9			56.9
808				51.66			49.1			54.5
923				51.04			50.5			52.3
1038				50.42			51.8			50.0
1153				49.80			53.1			47.8
1268				49.18			54.5			45.4
1383				48.56			55.8			43.2
1498				47.94			57.0			41.0
1613				47.32			58.2			38.8
1728				46.70			59.2			36.4
1843				46.08	49		0.2			33.9
1958				45.46			1.0			31.4
2073	365	5	48	44.84	5	49	1.9	5	48	28.9

VERNAL EQUINOX DIFFERENCES.

The differences of the times are rather variable, as a comparison of the times given in the *Nautical Almanac* shows.

Vernal Equinoxes.				Differences.			
			d. h. m.				m.
1836	.	March	20 1 39	Greenwich.			
1840	.	"	" 0 41	.	.	.	58
1844	.	"	19 28 55	.	.	.	46
1848	.	"	" 28 19	.	.	.	36
1852	.	"	" 22 42	.	.	.	-37
1856	.	"	" 21 49	.	.	.	51
1860	.	"	" 21 5	.	.	.	44
1864	.	"	" 20 10	.	.	.	-55
1868	.	"	" 19 48	.	.	.	-27
1872	.	"	" 18 57	.	.	.	-46

If one is content to get the times within some twenty minutes, so that the places of the moon and planets need not be taken into consideration, the computation becomes simple, and requires merely proper interpolation, as the data can be taken from R. Schram's "*Hilfstafeln für Chronologie*," in vol. xlv. of the *Denkschriften* of the Vienna Academy. In the following computation I give the list of the days when the sun enters Aries from Schram's Tables, after having converted the days of the Julian period into those of the ordinary Julian Calendar. The intervals of 42,002.8 days are those of 115 years, so that the correction is best effected by interpolating for intervals of twenty-three years, or for five sub-intervals, taking the second differences duly into account, and then interpolating for the single years. The comparison of the resulting times with those of the Tables shows the correction required by the latter in the last column.

TABLE OF CORRECTIONS OF THE MEAN VERNAL
EQUINOXES OF THIS VOLUME FOR DATES OF
TRUE VERNAL EQUINOXES.

E. Schram, "Hilfstafeln für Chronologie." P. 10.

The dates in the first column are reduced from days of the Julian Period to the dates of the Julian calendar, and '6153 is added ('59791 = 14 h. 21 m. for the reduction from Greenwich astronomical time to Jerusalem Civil Time, and '01738 for the added constants).

	Vernal Equinox. Jerusalem Civil Time. Old Style.	Schram.	Tables.	Correction.
B.C.		d. h. m.	d. h. m.	h. m.
1608	Apr. 4·8978 42002·8285	Apr. 4 21 33	14 56	+6 37
1493	" 3·7263 8 ·8293	" 3 17 26	11 30	5 56
1378	" 3·5556 9 ·8302	" 3 13 20	8 6	5 14
1263	" 2·3858 11 ·8313	" 2 9 16	4 41	4 35
1148	" 1·2171 10 ·8323	" 1 5 13	1 16	3 57
1033	Mar. 31·0494 14 ·8337	Mar. 31 1 11	30 21 51	3 20
918	" 30·8381 14 ·8351	" 30 21 12	18 26	2 46
803	" 29·7182 16 ·8367	" 29 17 14	15 1	2 13
688	" 28·5549 17 ·8384	" 28 13 19	11 36	1 43
573	" 27·3933 17 ·8401	" 27 9 26	8 11	1 15
458	" 27·2334 17 ·8418	" 27 5 36	4 46	0 50
343	" 26·0752 17 ·8435	" 26 1 48	1 21	0 27
228	" 24·9137 15 ·8450	" 24 22 3	21 57	+0 6
113	" 23·7637 15 42002·8465	" 23 18 20	18 31	-0 11
A.D. 3	" 23·6102 15 ·8460	" 23 14 39	15 7	0 28
118	" 22·4582 12 ·8492	" 22 11 0	11 42	0 42
233	" 21·3074 14 ·8506	" 21 7 23	8 17	0 54
348	" 20·1580 13 ·8519	" 20 3 48	4 52	1 4
463	" 20·0099 13 ·8532	" 20 0 14	1 27	1 13
578	" 18·8631 15 ·8547	" 18 20 48	22 2	-1 19

	Vernal Equinox. Jerusalem Civil Time. Old Style.	Schram.	Tables.	Correction
B.C.		d. h. m.	h. m.	h. m.
693	Mar. 17-7178 15 8562	Mar. 17 17 14	18 37	-1 23
808	" 16-5740 17 8579	" 16 18 47	15 12	1 25
923	" 16-4319 18 8597	" 16 10 22	11 47	1 25
1038	" 15-2916 17 8614	" 15 7 0	8 22	1 22
1153	" 14-1530 19 8633	" 14 3 40	4 57	1 17
1268	" 13-0163 17 8650	" 13 0 23	1 32	1 9
1383	" 12-8813 18 8668	" 12 21 9	22 7	0 58
1498	" 11-7481 16 8684	" 11 17 57	18 42	0 45
1613	" 10-6165 14 8698	" 10 14 48	15 17	0 27
1728	" 9-4863 14 8712	" 9 11 40	11 53	-0 13
1843	" 9-3575 11 42002-8723	" 9 8 35	8 27	+0 8
1958	" 8-2298			

DATES OF EQUINOXES AND SOLSTICES, B.C. 552.

"I have computed the times of the Equinoxes and Solstices for the year B.C. 552, and find they agree with those of Schram. When were Professor Adams' computations made? or what Tables did he employ? By Schram's Tables, taking into account the six smaller terms, I find—

		d.	h.	m.	
B.C.	Vernal Equinox	March	27	11	31 Jerusalem Civil Time.
	Summer Solstice	June	29	15	6
	Autumnal Equinox	Sept.	29	15	33
	Winter Solstice	Dec.	27	4	0

NOTES ON PROFESSOR ADAMS' COMPUTATION.

The examination of De Cheseaux' calculations by Professor Adams as to the dates of the Equinoxes and Solstices B.C. 552, was made for the author of the present work in 1878. In a

letter published at the time in the introduction to *The Approaching End of the Age*, Professor Adams says:—

“I have calculated very approximately the times of the Equinoxes and Solstices for the year B.C. 552, which is that given by De Cheseaux as the year of Daniel’s vision, and I find the following results expressed in mean time at Jerusalem, reckoned from midnight.

		<i>d.</i>	<i>h.</i>	<i>m.</i>
Vernal Equinox	. . . March	27	8	2
Summer Solstice	. . . June	29	11	39
Autumnal Equinox	. . . Sept.	29	11	51
Winter Solstice	. . . Dec.	27	0	17

Professor Adams did not mention what Tables he employed. On the variance of the two computations, Mr. Marth writes, “A difference of $3\frac{1}{2}$ or $3\frac{3}{4}$ hours seems due to some error which may indeed occur in sporadic computations if one does not check them in several ways. I have tried to find the cause of the discrepancy, but have not succeeded in hitting upon a plausible conjecture which might serve as an explanation.”

MEAN AND TRUE LONGITUDE OF THE SUN AT THE NABONASSAR ERA, COMPUTED BY MR. MARTH.

“I have computed from Leverrier’s Solar Tables the place of the Sun for—746, February 26th (B.C. 747), and find,—

	Alexandria, noon.
Mean Longitude	327° 58' 31.7"
Equation of Centre	+2° 2' 42.0"
True Longitude	<u>330° 1' 13.7"</u>

“The equation of the centre is near its maximum, the perigee being in $236^{\circ} 12.5'$, and the eccentricity was at that time greater than at present.

“A. MARTH.”

TABLE
OF
VERNAL EQUINOXES AND NEW MOONS
IN
“*OLD STYLE*”

FROM B.C. 1622 TO A.D. 1934.

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1622. G. April. <i>d. h. m.</i> 5 5 32		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1619. C. April. <i>d. h. m.</i> 4 22 58		<i>d. h. m.</i>	<i>d. h. m.</i>
JAN. .	...	...	...	JAN. .	3 6 9	3 10 26	
FEB. .	...	...	...	FEB. .	1 18 53	2 4 33	
MAR. .	...	...	...	MAR. .	3 7 38	3 20 20	
APRIL	5 5 12	5 3 38		APRIL	1 20 22	2 9 10	
MAY .	4 17 56	4 11 17		MAY .	{ 1 9 6 30 21 50	1 19 17 31 3 28	
JUNE .	3 6 40	2 20 2		JUNE .	29 10 34	29 10 46	
JULY .	2 19 24	{ 2 6 52 31 20 26		JULY .	28 23 18	28 18 16	
AUG. .	{ 1 8 8 30 20 52	30 12 45		AUG. .	27 12 2	27 2 55	
SEPT. .	29 9 36	29 7 4		SEPT. .	26 0 46	25 13 25	
OCT. .	28 22 20	29 2 4		OCT. .	25 13 30	25 2 11	
NOV. .	27 11 4	27 20 14		NOV. .	24 2 14	23 17 19	
DEC. .	26 23 48	27 12 19		DEC. .	23 14 58	23 10 18	
1621. F.E.				1618. B.			
JAN. .	25 12 32	26 1 39		JAN. .	22 3 42	22 4 16	
FEB. .	24 1 16	24 12 16		FEB. .	20 16 26	20 22 2	
MAR. .	24 14 1	24 20 48		MAR. .	22 5 11	22 14 24	
APRIL	23 2 45	23 3 46		APRIL	20 17 55	21 4 36	
MAY .	22 15 29	22 10 34		MAY .	20 6 39	20 16 23	
JUNE .	21 4 13	20 18 9		JUNE .	18 19 23	19 2 11	
JULY .	20 16 57	20 3 39		JULY .	18 8 7	18 10 52	
AUG. .	19 5 41	18 15 54		AUG. .	16 20 51	16 19 22	
SEPT. .	17 18 25	17 7 15		SEPT. .	15 9 35	15 4 31	
OCT. .	17 7 9	17 1 16		OCT. .	14 22 19	14 14 50	
NOV. .	15 19 53	15 20 44		NOV. .	13 11 3	13 2 35	
DEC. .	15 8 37	15 16 1		DEC. .	12 23 47	12 15 54	
1620. D.				1617. A.G.			
JAN. .	13 21 21	14 9 28		JAN. .	11 12 31	11 6 36	
FEB. .	12 10 5	13 0 7		FEB. .	10 1 15	9 22 25	
MAR. .	13 22 49	14 11 39		MAR. .	10 13 59	10 14 47	
APRIL	12 11 33	12 20 36		APRIL	9 2 43	9 6 57	
MAY .	12 0 17	12 3 51		MAY .	8 15 27	8 22 5	
JUNE .	10 13 1	10 10 31		JUNE .	7 4 11	7 11 41	
JULY .	10 1 45	9 17 43		JULY .	6 16 55	6 23 39	
AUG. .	8 14 29	8 2 27		AUG. .	5 5 39	5 10 22	
SEPT. .	7 3 13	6 13 36		SEPT. .	3 18 23	3 20 31	
OCT. .	6 15 57	6 3 40		OCT. .	3 7 7	3 6 39	
NOV. .	5 4 41	4 20 28		NOV. .	1 19 51	1 17 13	
DEC. .	4 17 25	4 15 13		DEC. .	{ 1 8 35 30 21 19	1 4 18 30 15 58	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1616. F. April. <i>d. h. m.</i> 4 16 25		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1613. C.B. April. <i>d. h. m.</i> 4 9 51		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	29 10 3	29 4 19		JAN. .	27 1 13	27 10 47
	FEB. .	27 22 48	27 17 35		FEB. .	25 13 57	25 19 55
	MAR. .	29 11 32	29 7 50		MAR. .	26 2 42	26 3 45
	APRIL	28 0 16	27 22 53		APRIL	21 15 26	24 11 6
	MAY .	27 13 0	27 14 17		MAY .	24 4 10	23 19 3
	JUNE .	26 1 44	26 5 22		JUNE .	22 16 54	22 4 41
	JULY .	25 14 28	25 19 37		JULY .	22 5 38	21 16 51
	AUG. .	24 3 12	24 8 51		AUG. .	20 18 22	20 7 55
	SEPT. .	22 15 56	22 21 10		SEPT. .	19 7 6	19 1 31
	OCT. .	22 4 40	22 8 48		OCT. .	18 19 50	18 20 31
	NOV. .	20 17 24	20 19 58		NOV. .	17 8 34	17 15 25
	DEC. .	20 6 8	20 6 41		DEC. .	16 21 18	17 8 48
1615. E. 4 22 14	JAN. .	18 18 52	18 17 4	1612. A. 4 15 40	JAN. .	15 10 2	15 23 28
	FEB. .	17 7 36	17 3 22		FEB. .	13 22 46	14 11 18
	MAR. .	18 20 21	18 14 8		MAR. .	15 11 30	15 20 36
	APRIL	17 9 5	17 1 58		APRIL	14 0 14	14 4 7
	MAY .	16 21 49	16 15 17		MAY .	13 12 58	13 10 52
	JUNE .	15 10 33	15 6 8		JUNE .	12 1 42	11 17 53
	JULY .	14 23 17	14 22 1		JULY .	11 14 26	11 2 20
	AUG. .	13 12 1	13 14 13		AUG. .	10 3 10	9 13 9
	SEPT. .	12 0 45	12 6 0		SEPT. .	8 15 54	8 3 3
	OCT. .	11 13 29	11 20 47		OCT. .	8 4 38	7 19 54
	NOV. .	10 2 13	10 10 17		NOV. .	6 17 22	6 14 52
	DEC. .	9 14 57	9 22 22		DEC. .	6 6 6	6 10 28
1614. D. 5 4 3	JAN. .	8 3 41	8 9 4	1611. G. 4 21 29	JAN. .	4 18 50	5 4 59
	FEB. .	6 16 25	6 18 34		FEB. .	3 7 34	3 21 3
	MAR. .	8 5 9	8 3 20		MAR. .	4 20 19	5 10 4
	APRIL	6 17 53	6 12 3		APRIL	3 9 3	3 20 8
	MAY .	6 6 37	5 21 41		MAY .	2 21 47	3 4 5
	JUNE .	4 19 21	4 9 1		JUNE .	{ 1 10 31 30 23 15	{ 1 10 55 30 17 48
	JULY .	4 8 5	3 22 40		JULY .	30 11 59	30 1 44
	AUG. .	2 20 49	2 14 31		AUG. .	29 0 43	28 11 42
	SEPT. .	{ 1 9 33 30 22 17	1 7 54		SEPT. .	27 13 27	27 0 21
	OCT. .	30 11 1	{ 1 1 47 30 18 55		OCT. .	27 2 11	26 15 51
	NOV. .	28 23 45	29 10 25		NOV. .	25 14 55	25 9 43
	DEC. .	28 12 29	28 23 44		DEC. .	25 3 39	25 4 46

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1610. F. April. <i>d. h. m.</i> 5 3 18		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1607. B. April. <i>d. h. m.</i> 4 20 44		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	23 16 23	23 23 28		JAN. .	20 7 33	20 2 11
	FEB. .	22 5 17	22 16 25		FEB. .	18 20 17	18 14 39
	MAR. .	23 17 52	24 6 43		MAR. .	20 9 2	20 4 8
	APRIL	22 6 36	22 18 6		APRIL	18 21 46	18 18 35
	MAY .	21 19 20	22 3 11		MAY .	18 10 30	18 9 48
	JUNE .	20 8 4	20 10 54		JUNE .	16 23 14	17 1 10
	JULY .	19 20 48	19 18 20		JULY .	16 11 58	16 16 6
	AUG. .	18 9 32	18 2 28		AUG. .	15 0 42	15 6 9
	SEPT. .	16 22 16	16 12 6		SEPT. .	13 13 26	13 19 11
	OCT. .	16 11 0	15 23 47		OCT. .	13 2 10	13 7 23
	NOV. .	14 23 44	14 13 43		NOV. .	11 14 54	11 18 55
	DEC. .	14 12 23	14 5 42		DEC. .	11 3 38	11 5 51
1609. E.D.	JAN. .	13 1 12	12 23 6	1606. A.	JAN. .	9 16 22	9 16 15
	FEB. .	11 13 56	11 16 53		FEB. .	8 5 6	8 2 18
	MAR. .	12 2 40	12 9 56		MAR. .	9 17 50	9 12 23
4 9 7	APRIL	10 15 24	11 1 12	5 2 33	APRIL	8 6 34	7 23 25
	MAY .	10 4 8	10 14 12		MAY .	7 19 18	7 11 46
	JUNE .	8 16 52	9 1 2		JUNE .	6 8 2	6 1 47
	JULY .	8 5 36	8 10 21		JULY .	5 20 46	5 17 17
	AUG. .	6 18 20	6 19 3		AUG. .	4 9 30	4 9 37
	SEPT. .	5 7 4	5 4 0		SEPT. .	2 22 14	3 1 59
	OCT. .	4 19 48	4 13 50		OCT. .	2 10 58 31 23 42	2 17 37
	NOV. .	3 8 32	3 0 56		NOV. .	30 12 26	1 8 0 30 20 54
	DEC. .	2 21 16	2 13 23		DEC. .	30 1 10	30 8 15
1608. C.	JAN. .	1 10 0 30 22 44	1 3 12 30 18 14	1605. G.F.	JAN. .	28 13 54	28 13 10
	FEB. .	...	...		FEB. .	27 2 38	27 3 1
	MAR. .	1 11 29 31 0 13	1 10 9 31 2 18	4 8 22	MAR. .	27 15 23	27 11 27
4 14 56	APRIL	29 12 57	29 17 57		APRIL	26 4 7	25 20 17
	MAY .	29 1 41	29 8 21		MAY .	25 16 51	25 6 32
	JUNE .	27 14 25	27 21 21		JUNE .	24 5 35	23 18 56
	JULY .	27 3 9	27 8 53		JULY .	23 18 19	23 9 48
	AUG. .	25 15 53	25 19 30		AUG. .	22 7 3	22 2 42
	SEPT. .	24 4 37	24 5 50		SEPT. .	20 19 47	20 20 41
	OCT. .	23 17 21	23 16 20		OCT. .	20 8 31	20 14 32
	NOV. .	22 6 5	22 3 11		NOV. .	18 21 15	19 7 8
	DEC. .	21 18 49	21 14 26		DEC. .	18 9 59	18 21 39

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1604. E. April. <i>d. h. m.</i> 4 14 11		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1601. B.A. April. <i>d. h. m.</i> 4 7 37		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 22 43	17 9 46		JAN. .	14 13 54	14 18 6
	FEB. .	15 11 27	15 19 40		FEB. .	13 2 38	13 11 57
	MAR. .	17 0 12	17 3 53		MAR. .	13 15 22	14 3 31
	APRIL	15 12 56	15 11 12		APRIL	12 4 6	12 16 18
	MAY .	15 1 40	14 18 36		MAY .	11 16 50	12 2 29
	JUNE .	13 14 24	13 3 12		JUNE .	10 5 34	10 10 50
	JULY .	13 3 8	12 14 0		JULY .	9 18 18	9 18 23
	AUG. .	11 15 52	11 3 40		AUG. .	8 7 2	8 2 13
	SEPT. .	10 4 36	9 20 18		SEPT. .	6 19 46	6 11 14
	OCT. .	9 17 20	9 14 49		OCT. .	6 8 30	5 21 58
	NOV. .	8 6 4	8 9 45		NOV. .	4 21 14	4 19 46
	DEC. .	7 18 43	8 4 26		DEC. .	4 9 58	4 1 41
1603. D. 4 20 0	JAN. .	6 7 32	6 20 32	1600. G. 4 13 26	JAN. .	2 22 42	2 18 15
	FEB. .	4 20 16	5 9 46		FEB. .	1 11 26	1 11 45
	MAR. .	6 9 0	6 20 9		MAR. .	3 0 10	3 5 5
	APRIL	4 21 44	5 4 21		APRIL	1 12 54	1 21 13
	MAY .	4 10 28	4 11 16		MAY .	{ 1 1 38 30 14 22	{ 1 11 22 30 23 20
	JUNE .	2 23 12	2 17 58		JUNE .	29 3 6	29 9 30
	JULY .	2 11 56	{ 2 1 36 31 11 12		JULY .	28 15 50	28 18 30
	AUG. .	{ 1 0 40 30 13 24	29 23 36		AUG. .	27 4 34	27 8 34
	SEPT. .	29 2 8	28 15 5		SEPT. .	25 17 18	25 18 6
	OCT. .	28 14 52	28 9 11		OCT. .	25 6 2	24 23 30
	NOV. .	27 3 36	27 4 41		NOV. .	23 18 46	23 11 24
	DEC. .	26 16 20	26 23 54		DEC. .	23 7 30	23 0 22
1602. C. 5 1 49	JAN. .	25 5 4	25 17 15	1599. F. 4 19 15	JAN. .	21 20 14	21 14 33
	FEB. .	23 17 48	24 7 44		FEB. .	20 8 58	20 5 47
	MAR. .	25 6 33	25 19 10		MAR. .	21 21 43	21 21 30
	APRIL	23 19 17	24 4 2		APRIL	20 10 27	20 13 31
	MAY .	23 8 1	23 11 17		MAY .	19 23 11	20 4 33
	JUNE .	21 20 45	21 18 3		JUNE .	18 11 55	18 18 20
	JULY .	21 9 29	21 1 27		JULY .	18 0 39	18 6 54
	AUG. .	19 22 13	19 10 25		AUG. .	16 13 23	16 18 12
	SEPT. .	18 10 57	17 21 46		SEPT. .	15 2 7	15 4 53
	OCT. .	17 23 41	17 11 54		OCT. .	14 14 51	14 15 28
	NOV. .	16 12 25	16 4 38		NOV. .	13 3 35	13 2 12
	DEC. .	16 1 9	15 23 10		DEC. .	12 16 19	12 18 11

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1598.	JAN. .	11. 5 3	11 0 28	1595.	JAN. .	7.20 13	8 8 14
E.	FEB. .	9 17 47	9 12 16	A.	FEB. .	6. 8 57	6 19 5
April.	MAR. .	11. 6 31	11 0 54	April.	MAR. .	7 21 41	8 3 54
<i>d. h. m.</i>	APRIL	9 19 15	9 14 37	<i>d. h. m.</i>	APRIL	6 10 25	6 11 28
5 1 4	MAY .	9 7 59	9 5 21	4 18 30	MAY .	5 23. 9	5 18 29
	JUNE .	7.20 48	7 20 44		JUNE .	4 11 53	4 2 17
	JULY .	7. 9 27	7 12 5		JULY .	4 0 37	3 11 51
	AUG. .	5.22 11	6 2 53		AUG. .	2.13 21	{ 2 0 6
	SEPT. .	4 10 55	4 16 44		SEPT. .	{ 1 2 5	{ 31 15 20
	OCT. .	3.23 39	4 5 36			{ 30.14 49	30 9 10
	NOV. .	2 12 23	2 17 33		OCT. .	30. 3 33	30 4 25
	DEC. .	{ 2 1 7	2 4 55		NOV. .	28.16 17	28 23 31
		{ 31.13 51	31 15 30		DEC. .	28. 5 1	28 16 52
1597.	JAN. .	30. 2 35	30 1 27	1594.	JAN. .	26.17 45	27. 7 33
D.C.	FEB. .	28.15 19	28 11 14	G.	FEB. .	25. 6 29	25 19 12
	MAR. .	29. 4 4	28 21 28		MAR. .	26.19 14	27 4 18
4 6 58	APRIL	27 16 48	27 8 50	5 0 19	APRIL	25. 7 58	25 11 39
	MAY .	27. 5 32	26 21 51		MAY .	24.20 42	24 18 18
	JUNE .	25.18 16	25 12 40		JUNE .	23. 9 26	23 1 21
	JULY .	25. 7 0	25 4 50		JULY .	22 22 10	22 9 53
	AUG. .	23.19 44	23 21 32		AUG. .	21.10 54	20 20 53
	SEPT. .	22. 8 28	22 13 53		SEPT. .	19.23 38	19 10 54
	OCT. .	21.21 12	22 5 12		OCT. .	19.12 22	19 3 52
	NOV. .	20. 9 56	20 19 2		NOV. .	18. 1 6	17 22 51
	DEC. .	19 22 40	20 7 9		DEC. .	17.13 50	17 18 23
1596.	JAN. .	18 11 24	18 17 39	1593.	JAN. .	16. 2 34	16 12 47
D.	FEB. .	17. 0 8	17 2 43	F.E.	FEB. .	14.15 18	15 4 41
	MAR. .	18 12 53	18 11 7		MAR. .	15. 4 3	15 17 33
4 12 41	APRIL	17 1 37	16 19 25	4 6 8	APRIL	13 16 47	14 8 33
	MAY .	16 14 21	16 4 42		MAY .	13. 5 31	13 11 20
	JUNE .	15. 3 5	14 15 53		JUNE .	11.18 15	11 18 23
	JULY .	14 15 49	14 5 32		JULY .	11. 6 59	11 1 27
	AUG. .	13. 4 33	12 21 35		AUG. .	9 19 43	9 9 39
	SEPT. .	11 17 17	11 15 22		SEPT. .	8 8 27	7 19 52
	OCT. .	11 6 1	11 9 40		OCT. .	7 21 11	7 8 38
	NOV. .	9 18 45	10 3 13		NOV. .	6. 9 55	6 0 7
	DEC. .	9. 7 29	9 18 56		DEC. .	5.22 30	5 17 47

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1592.	JAN. . .	4.11.23	4 12 32	1589.	JAN. . .	{ 2. 2 33	1 23 7
P.	FEB. . .	3. 0 7	3 6 56	A.Q.	FEB. . .	{ 31 15 17	31 10 22
April.	MAR. . .	4.12.51	4 23 37	April	MAR. . .	{ 1 4 1	29 22 14
<i>d. h. m.</i>	APRIL .	3. 1 35	3 13 46	<i>d. h. m.</i>	APRIL .	{ 30 16 45	30 11 7
4 11 56	MAY . .	2.14.19	3 1 12	4 5 23	MAY . .	29. 5 20	29 1 10
	JUNE . .	{ 1 3 3	1 10 27		JUNE . .	28.18.13	28 16 14
		{ 30 15 47	30 18 24		JULY . .	27. 6 57	27 7 47
	JULY . .	30. 4 31	30 2 11		AUG. . .	26 19 41	26 23 7
	AUG. . .	28 17 15	28 10 41		SEPT. . .	25. 8 25	25 13 45
	SEPT. . .	27 5 59	26 20 37		OCT. . .	23.21. 9	21 3 25
	OCT. . .	26.18.43	26 8 25		NOV. . .	23. 9 53	23 16 6
	NOV. . .	25. 7 27	24 22 13		DEC. . .	21 22 37	22 3 50
	DEC. . .	24.20.11	24 13 51			21 11 21	21 11 43
1591.	JAN. . .	23. 8 55	23 6 45	1588.	JAN. . .	20. 0 5	20 0 47
C.	FEB. . .	21.21.39	22 0 3	F.	FEB. . .	18.12.49	18 10 22
	MAR. . .	23.10.24	23 16 46		MAR. . .	20. 1 34	19 20 2
4 17 45	APRIL .	21 23 8	22 7 54	4 11 12	APRIL .	18 14 18	18 6 29
	MAY . .	21.11.52	21 21 2		MAY . .	18. 8 2	17 18 29
	JUNE . .	20. 0 36	20 8 11		JUNE . .	16.15.46	16 8 22
	JULY . .	19.13.20	19 17 55		JULY . .	16. 4 30	16 0 0
	AUG. . .	18. 2 4	18 3 6		AUG. . .	14.17.14	14 16 44
	SEPT. . .	16 14 43	16 12 30		SEPT. . .	13. 5 58	13 9 38
	OCT. . .	16. 3 32	15 22 39		OCT. . .	12.18.42	12 1 49
	NOV. . .	14.16.16	14 9 48		NOV. . .	11. 7 26	11 16 37
	DEC. . .	14. 5 0	13 22 3		DEC. . .	10.20.10	11 5 41
1590.	JAN. . .	12.17.44	12 11 24	1587.	JAN. . .	9. 8 54	9 16 55
B.	FEB. . .	11. 6 28	11 1 50	E.	FEB. . .	7.21.38	8 2 32
	MAR. . .	12.19.13	12 17 9		MAR. . .	9.10.22	9 10 58
4 23 34	APRIL .	11. 7 57	11 8 56	4 17 1	APRIL .	7 23 6	7 18 57
	MAY . .	10.20.41	11 0 26		MAY . .	7.11.50	7 3 27
	JUNE . .	9 9 25	9 15 4		JUNE . .	6. 0 34	5 13 29
	JULY . .	8 22 9	9 4 24		JULY . .	5 13 18	5 1 49
	AUG. . .	7 10 53	7 16 30		AUG. . .	4 2 2	3 16 47
	SEPT. . .	5 23 37	6 3 41		SEPT. . .	2 14 46	2 9 59
	OCT. . .	5 12 21	5 14 30		OCT. . .	{ 2 3 30	2 4 22
	NOV. . .	4 1 5	4 1 17			{ 31 16 14	31 22 40
	DEC. . .	3 13 49	3 12 8		NOV. . .	30. 4 53	30 15 32
					DEC. . .	29 17 42	30 6 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1586. D. April. <i>d. h. m.</i> 4 22 49	JAN. . FEB. . MAR. . APRIL . MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 28 6 26 26 19 10 28 7 55 26 20 39 26 9 23 24 22 7 24 10 51 22 23 35 21 12 19 21 1 3 19 13 47 19 2 31	<i>d. h. m.</i> 28 18 5 27 3 43 28 11 38 26 18 41 26 1 55 24 10 25 23 21 16 22 11 5 21 3 48 20 22 38 19 18 6 19 12 33	B.C. 1583. G. April. <i>d. h. m.</i> 4 16 16	JAN. . FEB. . MAR. . APRIL . MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 24 21 36 23 10 20 24 23 5 23 11 49 23 0 33 21 13 17 21 2 1 19 14 45 18 3 29 17 16 13 16 4 57 15 17 41	<i>d. h. m.</i> 23 1 35 23 19 7 25 10 33 23 23 18 23 9 37 21 13 12 21 2 9 19 10 23 17 19 42 17 6 38 15 19 24 15 10 0
1585. C.B. 4 4 38	JAN. . FEB. . MAR. . APRIL . MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	17 15 15 16 3 59 16 16 44 15 5 28 14 18 12 13 6 56 12 19 40 11 8 24 9 21 8 9 9 52 7 22 36 7 11 20	18 4 36 16 17 41 17 3 54 15 11 55 14 18 44 13 1 26 12 9 9 10 18 54 9 7 28 8 23 3 7 17 11 7 12 38	1582. F. 4 22 5	JAN. . FEB. . MAR. . APRIL . MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	14 6 25 12 19 9 14 7 54 12 20 38 12 9 22 10 22 6 10 10 50 8 23 34 7 12 18 7 1 2 5 13 46 5 2 30	14 2 6 12 19 4 14 11 59 13 8 54 12 18 5 11 6 18 10 16 52 9 2 23 7 11 55 6 21 50 5 8 33 4 20 10
1584. A. 4 10 27	JAN. . FEB. . MAR. . APRIL . MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	6 0 4 4 12 48 6 1 32 4 14 16 4 3 0 2 15 44 { 2 4 28 31 17 12 30 5 56 23 18 40 28 7 24 26 20 8 26 8 52	6 7 44 5 0 54 6 15 13 5 2 31 4 11 22 2 18 41 2 1 39 31 9 17 29 18 32 28 6 4 27 20 14 26 12 49 23 7 8	1581. E.D. 4 3 54	JAN. . FEB. . MAR. . APRIL . MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	3 15 14 2 3 58 2 16 42 { 1 5 26 30 18 10 30 6 54 23 19 38 23 8 22 23 21 6 23 9 50 24 22 34 23 11 18 23 0 2	3 8 47 1 22 21 2 13 1 1 4 22 30 19 58 30 11 9 29 1 20 23 14 16 27 2 8 25 13 22 25 0 19 23 11 9 22 21 59

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1580. C. April. d. h. m. 4 9 42		d. h. m.	d. h. m.	B.C. 1577. G.F. April. d. h. m. 4 8 9		d. h. m.	d. h. m.
	JAN. .	21 12 46	21 8 52		JAN. .	19 3 56	19 16 35
	FEB. .	20 1 30	19 20 5		FEB. .	17 16 40	18 3 14
	MAR. .	21 14 15	21 8 8		MAR. .	18 5 25	18 11 46
	APRIL	20 2 59	19 21 21		APRIL	16 18 9	16 19 0
	MAY .	19 15 43	19 11 51		MAY .	16 6 53	16 1 54
	JUNE .	18 4 27	18 3 15		JUNE .	14 19 37	14 9 36
	JULY .	17 17 11	17 18 56		JULY .	14 8 21	13 19 10
	AUG. .	16 5 55	16 10 14		AUG. .	12 21 5	12 7 30
	SEPT. .	14 18 39	15 0 43		SEPT. .	11 9 49	10 22 55
	OCT. .	14 7 23	14 14 9		OCT. .	10 22 33	10 16 57
	NOV. .	12 20 7	13 2 31		NOV. .	9 11 17	9 12 22
	DEC. .	12 8 51	12 13 50		DEC. .	9 0 1	9 7 34
1579. B. 4 15 31	JAN. .	10 21 35	11 0 11	1576. E. 4 8 58	JAN. .	7 12 45	8 0 57
	FEB. .	9 10 19	9 9 45		FEB. .	6 1 20	6 15 29
	MAR. .	10 23 4	10 19 2		MAR. .	7 14 14	8 2 59
	APRIL	9 11 48	9 4 44		APRIL	6 2 58	6 11 54
	MAY .	9 0 32	8 15 41		MAY .	5 15 42	5 19 8
	JUNE .	7 13 16	7 4 30		JUNE .	4 4 26	4 1 45
	JULY .	7 2 0	6 19 21		JULY .	3 17 10	3 8 53
	AUG. .	5 14 44	5 11 46		AUG. .	{ 2 5 54 31 18 38	1 17 36 31 4 46
	SEPT. .	4 3 28	4 4 57		SEPT. .	30 7 22	29 18 55
	OCT. .	3 16 12	3 21 53		OCT. .	29 20 6	29 11 54
	NOV. .	2 4 56	2 13 39		NOV. .	28 8 50	28 6 50
	DEC. .	{ 1 17 40 31 6 24	2 3 45 31 15 52		DEC. .	27 21 34	28 2 14
1578. A. 4 21 20	JAN. .	29 19 8	30 2 8	1575. D. 4 14 47	JAN. .	26 10 18	26 20 23
	FEB. .	28 7 52	28 10 54		FEB. .	24 23 2	25 12 9
	MAR. .	29 20 36	29 18 43		MAR. .	26 11 46	27 0 53
	APRIL	28 9 20	28 2 44		APRIL	25 0 30	25 10 51
	MAY .	27 22 4	27 11 45		MAY .	24 13 14	24 18 50
	JUNE .	26 10 48	25 22 43		JUNE .	23 1 53	23 1 55
	JULY .	25 23 32	25 12 29		JULY .	22 14 42	22 9 13
	AUG. .	24 12 16	24 4 46		AUG. .	21 3 26	20 17 43
	SEPT. .	23 1 0	22 22 54		SEPT. .	19 16 10	19 4 9
	OCT. .	22 13 44	22 17 37		OCT. .	19 4 54	18 17 2
	NOV. .	21 2 28	21 11 29		NOV. .	17 17 38	17 8 23
	DEC. .	20 15 12	21 3 21		DEC. .	17 6 22	17 1 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1574. C. April. <i>d. h. m.</i> 4 20 35		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1571. F. April. <i>d. h. m.</i> 4 14 2		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	15 19 6	15 20 11		JAN. .	12 10 16	12 7 41
	FEB. .	14 7 50	14 14 12		FEB. .	10 23 0	10 18 25
	MAR. .	15 20 35	16 6 40		MAR. .	12 11 45	12 5 43
	APRIL	14 9 19	14 20 43		APRIL	11 0 29	10 18 2
	MAY .	13 22 3	14 8 15		MAY .	10 13 13	10 7 43
	JUNE .	12 10 47	12 17 43		JUNE .	9 1 57	8 22 42
	JULY .	11 23 31	12 2 1		JULY .	8 14 41	8 14 27
	AUG. .	10 12 15	10 10 11		AUG. .	7 3 25	7 6 15
	SEPT. .	9 0 59	8 19 4		SEPT. .	5 16 9	5 21 29
	OCT. .	8 13 43	8 5 17		OCT. .	5 4 53	5 11 44
	NOV. .	7 2 27	6 17 8		NOV. .	3 17 37	4 0 51
	DEC. .	6 15 11	6 6 45		DEC. .	3 6 21	3 12 44
1573. D.A.	JAN. .	5 3 55	4 21 57	1570. E.	JAN. .	{ 1 19 5 31 7 49	1 23 30 31 9 15
	FEB. .	3 16 39	3 14 18		FEB. .	...	...
	MAR. .	4 5 23	4 7 6		MAR. .	{ 1 20 33 31 9 17	1 18 21 31 3 29
4 2 21	APRIL	2 18 7	2 23 27	4 19 51	APRIL	29 22 1	29 18 30
	MAY .	{ 2 6 51 31 19 35	2 14 31		MAY .	29 10 45	29 1 11
	JUNE .	30 8 19	{ 1 3 49 30 15 20		JUNE .	27 23 29	27 15 0
	JULY .	29 21 3	30 1 35		JULY .	27 12 13	27 6 51
	AUG. .	28 9 47	28 11 16		AUG. .	26 0 57	25 23 57
	SEPT. .	26 22 31	26 21 6		SEPT. .	24 13 41	24 17 23
	OCT. .	26 11 15	26 7 31		OCT. .	24 2 25	24 10 5
	NOV. .	24 23 59	24 18 41		NOV. .	22 15 9	23 1 14
	DEC. .	24 12 43	24 6 39		DEC. .	22 3 53	22 14 22
1572. G.	JAN. .	23 1 27	22 19 30	1569. D.C.	JAN. .	20 16 37	21 1 27
	FEB. .	21 14 11	21 9 18		FEB. .	19 5 21	19 10 44
	MAR. .	23 2 56	23 0 4		MAR. .	19 18 6	19 18 49
4 8 13	APRIL	21 15 40	21 15 27	4 1 40	APRIL	18 6 50	18 2 26
	MAY .	21 4 24	21 6 53		MAY .	17 19 34	17 10 33
	JUNE .	19 17 8	19 21 43		JUNE .	16 8 18	15 27 29
	JULY .	19 5 52	19 11 31		JULY .	15 21 2	15 8 49
	AUG. .	17 13 36	18 0 11		AUG. .	14 9 46	13 23 56
	SEPT. .	16 7 20	16 11 58		SEPT. .	12 22 30	12 17 25
	OCT. .	15 20 4	15 23 15		OCT. .	12 11 14	12 12 12
	NOV. .	14 8 43	14 10 14		NOV. .	10 23 53	11 6 48
	DEC. .	13 21 32	13 21 1		DEC. .	10 12 42	10 23 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1568. B. April. <i>d. h. m.</i> 4 7 28	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 9 1 26 7 14 10 9 2 55 7 15 39 7 4 23 5 17 7 5 5 51 3 18 35 2 7 19 { 1 20 3 31 8 47 20 21 31 20 10 15	<i>d. h. m.</i> 9 14 28 8 2 18 9 11 40 7 19 18 7 2 8 5 9 15 4 17 46 3 4 42 1 18 38 1 11 31 31 6 32 30 2 7 29 20 38	B.C. 1565. F.E. April. <i>d. h. m.</i> 4 0 55	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 6 16 36 5 5 20 5 18 5 4 6 49 3 19 33 2 8 17 { 1 21 1 31 9 45 29 22 29 28 11 13 27 23 57 26 12 41 26 1 25	<i>d. h. m.</i> 6 14 51 5 8 59 6 2 13 4 17 26 4 6 14 2 16 46 2 1 41 31 10 1 20 18 30 28 4 18 27 15 24 26 4 4 25 18 19
1567. A. 4 13 17	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	27 22 59 26 11 43 28 0 27 26 13 11 26 1 55 24 14 39 24 3 23 22 16 7 21 4 51 20 17 35 19 6 19 18 19 3	23 12 33 27 1 27 28 11 29 26 19 23 26 2 9 24 8 56 23 16 49 22 2 46 20 15 29 20 7 8 19 1 14 18 20 31	1564. D. 4 6 44	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	24 14 9 23 2 53 21 15 37 23 4 21 22 17 5 21 5 49 20 18 33 19 7 17 17 20 1 17 8 45 15 21 29 15 10 13	24 9 53 23 2 16 24 18 45 23 10 29 23 0 45 21 13 17 21 0 19 19 10 27 17 20 24 17 6 39 15 17 28 15 4 57
1566. G. 4 19 6	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	17 7 47 15 20 31 17 9 16 15 22 0 15 10 44 13 23 23 13 12 12 12 0 56 10 13 40 10 2 21 8 15 8 8 3 52	17 15 22 16 8 21 17 22 32 16 9 47 15 18 40 14 2 9 13 9 21 11 17 17 10 2 49 9 14 32 8 4 40 7 21 1	1563. C. 4 12 33	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	13 22 57 12 11 41 14 0 26 12 13 10 12 1 54 10 14 33 10 3 22 8 16 6 7 4 50 6 17 34 5 6 18 4 19 2	13 17 7 12 6 9 13 20 9 12 11 3 12 2 26 10 17 41 10 8 14 8 21 44 7 10 13 6 21 53 5 9 14 4 20 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1562.	JAN. .	3 7 46	3 6 44	1559.	JAN. .	29 11 40	30 0 48
B.	FEB. .	1 20 30	1 17 9	E.	FEB. .	23 0 24	23 11 14
April.	MAR. .	3 9 15	3 3 50	April.	MAR. .	29 13 9	29 19 30
<i>d. h. m.</i>	APRIL	1 21 59	1 15 17	<i>d. h. m.</i>	APRIL	23 1 53	23 2 30
4 18 21	MAY .	{ 1 10 43 30 23 27	{ 1 4 4 30 18 19	4 11 48	MAY .	27 14 37	27 9 17
	JUNE .	29 12 11	29 9 49		JUNE .	26 3 21	25 16 58
	JULY .	29 0 55	29 1 51		JULY .	25 16 5	25 2 33
	AUG. .	27 13 39	27 17 43		AUG. .	21 4 49	23 15 6
	SEPT. .	26 2 23	26 8 49		SEPT. .	22 17 33	22 6 39
	OCT. .	25 15 7	25 22 44		OCT. .	22 6 17	22 0 50
	NOV. .	24 3 51	24 11 22		NOV. .	20 19 1	20 20 21
	DEC. .	23 16 35	23 22 41		DEC. .	20 7 45	20 15 33
				1558.	JAN. .	18 20 29	19 8 51
1561.	JAN. .	22 5 19	22 8 46	D.	FEB. .	17 9 13	17 23 15
A.G.	FEB. .	20 18 3	20 17 55		MAR. .	18 21 57	19 10 35
	MAR. .	21 6 47	21 2 41	4 17 37	APRIL	17 10 41	17 19 22
4 0 10	APRIL	19 19 31	19 11 56		MAY .	16 23 25	17 2 33
	MAY .	19 8 15	18 22 32		JUNE .	15 12 9	15 9 14
	JUNE .	17 20 59	17 11 11		JULY .	15 0 53	14 16 31
	JULY .	17 9 43	17 2 6		AUG. .	13 13 37	13 1 27
	AUG. .	15 22 27	15 18 49		SEPT. .	12 2 21	11 12 48
	SEPT. .	14 11 11	14 12 29		OCT. .	11 15 5	11 3 2
	OCT. .	13 23 55	14 5 55		NOV. .	10 3 49	9 20 1
	NOV. .	12 12 39	12 22 8		DEC. .	9 16 33	9 14 47
	DEC. .	12 1 23	12 12 22				
1560.	JAN. .	10 14 7	11 0 23	1557.	JAN. .	8 5 17	8 9 56
F.	FEB. .	9 2 51	9 10 27	C.B.	FEB. .	6 18 1	7 3 54
	MAR. .	10 15 36	10 18 51	3 23 25	MAR. .	7 6 46	7 19 27
4 5 59	APRIL	9 4 20	9 2 21		APRIL	5 19 30	6 8 7
	MAY .	8 17 4	8 10 2		MAY .	5 8 14	5 18 5
	JUNE .	7 5 48	6 18 52		JUNE .	3 20 58	4 2 11
	JULY .	6 18 32	6 5 51		JULY .	3 9 42	3 9 32
	AUG. .	5 7 16	4 19 37		AUG. .	{ 1 22 26 31 11 10	{ 1 17 8 31 1 57
	SEPT. .	3 20 0	3 12 8		SEPT. .	20 23 54	29 12 37
	OCT. .	3 8 44	3 6 35		OCT. .	29 12 33	29 1 33
	NOV. .	1 21 28	2 1 38		NOV. .	28 1 22	27 16 46
	DEC. .	{ 1 10 12 30 22 56	{ 1 19 45 31 11 41		DEC. .	27 14 6	27 9 48

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1556. A. April. <i>d. h. m.</i> 4 5 14		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1553. E.D. April. <i>d. h. m.</i> 3 22 41		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	26. 2 50	26. 3 42		JAN. .	23. 18 0	23 16 10
	FEB. .	24. 15 34	24 21 19		FEB. .	22. 6 44	22 2 23
	MAR. .	26. 4 18	26 13 32		MAR. .	22. 19 28	22 13 5
	APRIL	24 17 2	25 3 33		APRIL	21 8 12	21 0 54
	MAY .	24. 5 46	24 15 14		MAY .	20 20 56	20 14 17
	JUNE .	22. 18 30	23 0 59		JUNE .	19 9 40	19 5 12
	JULY .	22. 7 14	22 9 43		JULY .	18. 22 24	18 21 11
	AUG. .	20. 19 58	20 13 19		AUG. .	17 11 8	17 13 23
	SEPT. .	19 8 42	19 3 35		SEPT. .	15 23 52	16 5 18
	OCT. .	18. 21 26	18 14 2		OCT. .	15 12 36	15 20 7
	NOV. .	17. 10 10	17 1 53		NOV. .	14. 1 20	14 9 35
	DEC. .	16. 22 54	16 15 13		DEC. .	13. 14 4	13 21 36
1555. G. 4 11 3	JAN. .	15. 11 38	15 5 56	1552. C. 4 4 29	JAN. .	12 2 48	12 8 11
	FEB. .	14. 0 22	13 21 42		FEB. .	10. 15 32	10 17 23
	MAR. .	15. 13 7	15 14 0		MAR. .	12 4 17	12 2 13
	APRIL	14 1 51	14 6 4		APRIL	10 17 1	10 10 52
	MAY .	13 14 35	13 21 7		MAY .	10. 5 45	9 20 31
	JUNE .	12 3 19	12 10 39		JUNE .	8 18 20	8 7 59
	JULY .	11. 16 3	11 22 35		JULY .	8 7 13	7 21 47
	AUG. .	10 4 47	10 9 21		AUG. .	6 19 57	6 13 47
	SEPT. .	8 17 31	8 19 35		SEPT. .	5 8 41	5 7 19
	OCT. .	8 6 15	8 5 50		OCT. .	4 21 25	5 1 14
	NOV. .	6 13 59	6 16 27		NOV. .	3 10 9	3 18 23
	DEC. .	6 7 43	6 3 33		DEC. .	2 22 53	3 9 43
1554. F. 4 16 52	JAN. .	4 20 27	4 15 12	1551. B. 4 10 18	JAN. .	{ 1 11 37 31 0 21	1 22 59 31 9 51
	FEB. .	3 9 11	3 3 30		FEB. .	....	...
	MAR. .	4 21 56	4 16 43		MAR. .	{ 1 13 6 31 1 50	1 18 50 31 2 31
	APRIL	3 10 40	3 6 54		APRIL	29 14 34	29 9 51
	MAY .	2 23 24	2 21 58		MAY .	29 3 18	28 17 50
	JUNE .	1 12 8	1 13 21		JUNE .	27 16 2	27 3 36
	JULY .	{ 1 0 52 30 13 36	1 4 27 30 13 43		JULY .	27 4 46	26 15 57
	AUG. .	29 2 20	29 8 1		AUG. .	25 17 30	25 7 14
	SEPT. .	27. 15 4	27 20 24		SEPT. .	24 6 14	24 1 0
	OCT. .	27. 3 48	27 8 4		OCT. .	23 18 58	23 20 6
	NOV. .	25 16 32	25 19 13		NOV. .	22 7 42	22 14 53
	DEC. .	25. 5 16	25 5 53		DEC. .	21 20 26	22 8 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1550.	JAN. .	20 9 10	20 22 42	1547.	JAN. .	17 0 20	16 22 33
A.	FEB. .	18 21 54	19 10 20	D.	FEB. .	15 13 4	15 16 15
April.	MAR. .	20 10 38	20 19 26	April.	MAR. .	17 1 48	17 9 7
<i>d. h. m.</i>	APRIL	18 23 22	19 2 51	<i>d. h. m.</i>	APRIL	15 14 32	16 0 14
4 16 7	MAY .	18 12 6	18 9 32	4 9 34	MAY .	15 3 16	15 13 6
	JUNE .	17 0 50	16 16 38		JUNE .	13 16 0	13 23 53
	JULY .	16 13 31	16 1 14		JULY .	13 4 44	13 9 12
	AUG. .	15 2 18	14 12 16		AUG. .	11 17 28	11 17 58
	SEPT. .	13 15 2	13 2 22		SEPT. .	10 6 12	10 8 2
	OCT. .	13 3 46	12 19 26		OCT. .	9 18 56	9 13 1
	NOV. .	11 16 30	11 14 30		NOV. .	8 7 40	8 0 13
	DEC. .	11 5 14	11 10 4		DEC. .	7 20 24	7 12 43
1549.	JAN. .	9 17 58	10 4 26	1546.	JAN. .	6 9 8	6 2 32
G.F.	FEB. .	8 6 42	8 20 17	C.	FEB. .	4 21 52	4 17 32
	MAR. .	8 19 27	9 9 4		MAR. .	6 10 37	6 9 22
3 21 56	APRIL	7 8 11	7 18 58	4 15 22	APRIL	4 23 21	5 1 27
	MAY .	6 20 55	7 2 48		MAY .	4 12 5	4 17 0
	JUNE .	5 9 39	5 9 38		JUNE .	3 0 49	3 7 24
	JULY .	4 22 23	4 16 33		JULY .	2 13 33	2 20 19
	AUG. .	3 11 7	3 0 39		AUG. .	{ 1 2 17 30 15 1	{ 1 7 52 30 18 34
	SEPT. .	1 23 51	{ 1 10 48 30 23 40		SEPT. .	29 3 45	29 4 59
	OCT. .	{ 1 12 35 31 1 19	30 15 21		OCT. .	28 16 29	28 15 33
	NOV. .	29 14 3	29 9 18		NOV. .	27 5 13	27 2 26
	DEC. .	29 2 47	29 4 20		DEC. .	26 17 57	26 13 40
1548.	JAN. .	27 15 31	27 22 54	1545.	JAN. .	25 6 41	25 1 22
E.	FEB. .	26 4 15	26 15 39	B.A.	FEB. .	23 19 25	23 13 47
	MAR. .	27 17 0	28 5 44		MAR. .	24 8 9	24 3 11
4 3 45	APRIL	26 5 44	26 16 57	3 21 11	APRIL	22 20 53	22 17 38
	MAY .	25 18 28	26 1 56		MAY .	22 9 37	22 8 51
	JUNE .	24 7 12	24 9 39		JUNE .	20 22 21	21 0 15
	JULY .	23 19 56	23 17 10		JULY .	20 11 5	20 15 12
	AUG. .	22 8 40	22 1 25		AUG. .	18 23 49	19 5 17
	SEPT. .	20 21 24	20 11 15		SEPT. .	17 12 33	17 18 24
	OCT. .	20 10 8	19 23 6		OCT. .	17 1 17	17 6 33
	NOV. .	18 22 52	18 13 9		NOV. .	15 14 1	15 18 10
	DEC. .	18 11 36	18 5 11		DEC. .	15 2 45	15 5 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1544.	JAN. .	13 15 29	13 15 21	1541.	JAN. .	11 6 30	11 19 51
G.	FEB. .	12 4 13	12 1 19	D.C.	FEB. .	9 19 23	10 8 52
April.	MAR. .	13 16 58	13 11 25	April.	MAR. .	10 8 8	10 19 4
<i>d. h. m.</i>	APRIL	12 5 42	11 22 22	<i>d. h. m.</i>	APRIL	8 20 52	9 3 6
4 3 0	MAY .	11 18 26	11 10 44	3 20 27	MAY .	8 9 36	8 9 57
	JUNE .	10 7 10	10 0 50		JUNE .	6 22 20	6 16 42
	JULY .	9 19 54	9 16 27		JULY .	6 11 4	6 0 26
	AUG. .	8 8 38	8 8 54		AUG. .	4 23 48	4 10 12
	SEPT. .	6 21 22	7 1 19		SEPT. .	3 12 32	2 22 50
	OCT. .	6 10 6	6 16 59		OCT. .	3 1 16	2 14 31
	NOV. .	4 22 50	5 7 22		NOV. .	1 14 0	1 8 46
	DEC. .	4 11 34	4 20 12		DEC. .	1 2 44 30 15 28	1 4 18 30 23 25
1543.	JAN. .	3 0 18	3 7 25	1540.	JAN. .	29 4 12	29 16 35
F.	FEB. .	1 13 2	1 17 12	B.	FEB. .	27 16 56	23 6 50
	MAR. .	3 1 47	3 1 56		MAR. .	29 5 41	29 18 4
4 8 49	APRIL	1 14 31	1 10 16 30 19 7	4 2 15	APRIL	27 18 25	23 2 46
	MAY .	1 3 15 30 15 59	30 5 25		MAY .	27 7 9	27 9 59
	JUNE .	29 4 43	28 17 59		JUNE .	25 19 53	25 16 48
	JULY .	28 17 27	28 9 1		JULY .	25 8 37	25 0 17
	AUG. .	27 6 11	27 2 3		AUG. .	23 21 21	23 9 27
	SEPT. .	25 18 55	25 20 9		SEPT. .	22 10 5	21 21 0
	OCT. .	25 7 30	25 14 3		OCT. .	21 22 49	21 11 19
	NOV. .	23 20 23	24 6 35		NOV. .	20 11 33	20 4 11
	DEC. .	23 9 7	23 20 58		DEC. .	20 0 17	19 22 43
1542.	JAN. .	21 21 51	22 8 53	1539.	JAN. .	18 13 01	18 17 34
E.	FEB. .	20 10 35	20 18 36	A.	FEB. .	17 1 45	17 11 14
	MAR. .	21 23 19	22 2 40		MAR. .	18 14 29	19 2 36
4 14 38	APRIL	20 12 3	20 9 54	4 8 4	APRIL	17 3 13	17 15 12
	MAY .	20 0 47	19 17 19		MAY .	16 15 57	17 1 15
	JUNE .	18 13 31	18 2 0		JUNE .	15 4 41	15 9 34
	JULY .	18 2 15	17 13 0		JULY .	14 17 25	14 17 11
	AUG. .	16 14 59	16 2 53		AUG. .	13 6 9	13 1 10
	SEPT. .	15 3 43	14 19 37		SEPT. .	11 18 53	11 10 18
	OCT. .	14 16 27	14 14 22		OCT. .	11 7 37	10 21 11
	NOV. .	13 5 11	13 9 40		NOV. .	9 20 21	9 10 8
	DEC. .	12 17 55	13 3 55		DEC. .	9 9 5	9 1 6

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1538.	JAN. .	7 21 49	7 17 41	1535.	JAN. .	4 12 59	4 14 37.
G.	FEB. .	6 10 33	6 11 7	C.	FEB. .	3 1 43	3 0 30
April.	MAR. .	7 23 18	8 4 20	April.	MAR. .	4 14 23	4 10 13
<i>d. h. m.</i>	APRIL.	6 12 2	6 20 19	<i>d. h. m.</i>	APRIL.	3 3 12	2 20 22
4 13 53	MAY .	6 0 46	6 10 20	4 7 20	MAY .	2 15 56	{ 2 7 45 31 20 52
	JUNE .	4 13 30	4 22 13		JUNE .	{ 1 4 40 30 17 24	30 11 49
	JULY .	4 2 14	4 8 21		JULY .	30 6 8	30 4 4
	AUG. .	2 14 58	2 17 30		AUG. .	23 18 52	23 20 51
	SEPT. .	{ 1 3 42 30 16 26	{ 1 2 34 30 12 15		SEPT. .	27 7 36	27 13 16
	OCT. .	30 5 10	29 22 53		OCT. .	26 20 20	27 4 35
	NOV. .	23 17 54	23 10 41		NOV. .	25 9 4	25 18 22
	DEC. .	23 6 33	27 23 41		DEC. .	24 21 48	25 6 23
1537.	JAN. .	26 19 22	26 13 50	1534.	JAN. .	23 10 32	23 16 44
F.E.	FEB. .	25 8 6	25 5 1	B.	FEB. .	21 23 16	22 1 43
	MAR. .	25 20 51	25 20 43		MAR. .	23 12 1	23 9 57
3 19 42	APRIL	24 9 35	21 12 35	4 13 8	APRIL	22 0 45	21 18 13
	MAY .	23 22 19	24 3 40		MAY .	21 13 29	21 3 33
	JUNE .	22 11 3	22 17 29		JUNE .	20 2 18	19 14 50
	JULY .	21 23 47	22 5 55		JULY .	19 14 57	19 4 40
	AUG. .	20 12 31	20 17 15		AUG. .	18 3 41	17 20 54
	SEPT. .	19 1 15	19 4 1		SEPT. .	16 16 25	16 14 49
	OCT. .	18 13 59	18 14 40		OCT. .	16 5 9	16 9 11
	NOV. .	17 2 43	17 1 26		NOV. .	14 17 53	15 2 42
	DEC. .	16 15 27	16 12 23		DEC. .	14 6 37	14 18 19
1536.	JAN. .	15 4 11	14 23 39	1533.	JAN. .	12 19 21	13 7 27
D.	FEB. .	13 16 55	13 11 21	A.G.	FEB. .	11 8 5	11 18 6
	MAR. .	15 5 39	14 23 59		MAR. .	11 20 49	12 2 45
4 1 31	APRIL	13 18 23	13 13 39	3 18 57	APRIL	10 9 33	10 10 8
	MAY .	13 7 7	13 4 25		MAY .	9 22 17	9 17 13
	JUNE .	11 19 51	11 19 48		JUNE .	8 11 1	8 1 4
	JULY .	11 8 35	11 11 14		JULY .	7 23 45	7 10 47
	AUG. .	9 21 19	10 2 3		AUG. .	6 12 29	5 23 14
	SEPT. .	8 10 3	8 15 57		SEPT. .	5 1 13	4 14 41
	OCT. .	7 22 47	8 4 52		OCT. .	4 13 57	4 8 41
	NOV. .	6 11 31	6 16 55		NOV. .	3 2 41	3 4 2
	DEC. .	6 0 15	6 4 10		DEC. .	2 15 25	2 23 4

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1532. F.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1529. C.B.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 1 4 9 30 16 53	1 16 18 31 .6 44	April. <i>d. h. m.</i> 3 18 13	JAN. .	28 .8 3	28 6 8
	FEB. .	...	...		FEB. .	26 20 47	26 23 21
April. <i>d. h. m.</i> 4 0 46	MAR. .	{ 1 5 33 30 18 22	1 18 13 31 3 7		MAR. .	27 9 32	27 15 54
	APRIL	29 7 6	29 10 22		APRIL	25 22 16	26 6 55
	MAY .	28 19 50	28 16 59		MAY .	25 11 0	25 19 57
	JUNE .	27 8 34	27 0 6		JUNE .	23 23 44	24 7 3
	JULY .	26 21 18	26 8 49		JULY .	23 12 28	23 16 49
	AUG. .	25 10 2	24 20 1		AUG. .	22 1 12	22 2 5
	SEPT. .	23 22 46	23 10 17		SEPT. .	20 13 56	20 11 36
	OCT. .	23 11 30	23 3 24		OCT. .	20 2 40	19 21 52
	NOV. .	22 0 14	21 22 29		NOV. .	18 15 24	18 9 5
	DEC. .	21 12 58	21 17 59		DEC. .	18 4 8	17 21 21
1531. E.	JAN. .	20 1 42	20 12 11	1528. A.	JAN. .	16 16 52	16 10 41
	FEB. .	18 14 26	19 3 54		FEB. .	15 5 36	15 1 4
4 6 35	MAR. .	20 3 10	20 16 31	4 0 1	MAR. .	16 18 20	16 16 20
	APRIL	18 15 54	19 2 20		APRIL	15 7 4	15 8 1
	MAY .	18 4 38	18 10 10		MAY .	14 19 48	14 23 29
	JUNE .	16 17 22	16 17 5		JUNE .	13 8 32	13 14 5
	JULY .	16 6 6	16 0 14		JULY .	12 21 16	13 3 24
	AUG. .	14 18 50	14 8 35		AUG. .	11 10 0	11 15 32
	SEPT. .	13 7 34	12 18 59		SEPT. .	9 22 44	10 2 48
	OCT. .	12 20 18	12 7 59		OCT. .	9 11 28	9 13 41
	NOV. .	11 9 2	10 23 35		NOV. .	8 0 12	8 0 30
	DEC. .	10 21 46	10 17 19		DEC. .	7 12 56	7 11 20
1530. D.	JAN. .	9 10 30	9 12 2	1527. G.	JAN. .	6 1 40	5 22 17
	FEB. .	7 23 14	8 6 17		FEB. .	4 14 24	4 9 29
4 12 24	MAR. .	9 11 59	9 22 49	4 5 50	MAR. .	6 3 9	5 21 18
	APRIL	8 0 43	8 12 45		APRIL	4 15 53	4 10 8
	MAY .	7 13 27	8 0 2		MAY .	4 4 37	4 0 12
	JUNE .	6 2 11	6 9 12		JUNE .	2 17 21	2 15 18
	JULY .	5 14 55	5 17 11		JULY .	{ 2 6 5 31 18 49	2 6 53 31 22 18
	AUG. .	4 3 39	4 1 4		AUG. .	30 7 33	30 12 58
	SEPT. .	2 16 23	2 9 42		SEPT. .	28 20 17	29 2 41
	OCT. .	{ 2 5 7 31 17 51	1 19 48 31 7 44		OCT. .	28 9 1	29 15 22
	NOV. .	30 6 35	29 21 38		NOV. .	26 21 45	27 3 6
	DEC. .	29 19 19	29 13 18		DEC. .	26 10 29	26 18 58

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1526. F. April. <i>d. h. m.</i> 4 11 39	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 24 23 13 23 11 57 25 0 42 23 13 26 23 2 10 21 14 54 21 3 38 19 16 22 18 5 6 17 17 50 16 6 34 15 19 18	<i>d. h. m.</i> 24 23 52 23 9 21 24 18 56 23 5 24 22 17 26 21 7 27 20 23 12 19 16 2 18 9 2 18 1 15 16 16 1 16 4 57	B.C. 1523. B. April. <i>d. h. m.</i> 4 5 6	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 21 14 23 20 3 7 21 15 52 20 4 36 19 17 20 18 6 4 17 18 48 16 7 32 14 20 16 14 9 0 12 21 44 12 10 28	<i>d. h. m.</i> 22 3 55 20 16 45 22 2 46 20 10 38 19 17 25 18 0 9 17 8 1 15 17 58 14 6 44 13 22 32 12 16 48 12 12 15
1525. E.D. 3 17 28	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	14 8 2 12 20 46 13 9 32 11 22 16 11 11 0 9 23 44 9 12 28 8 1 12 6 13 56 6 2 40 4 15 24 4 4 8	14 16 4 13 1 31 13 9 52 11 17 47 11 2 17 9 12 24 9 0 54 7 16 4 6 9 25 6 3 56 4 22 14 4 15 1	1522. A. 4 10 54	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	10 23 12 9 11 56 11 0 40 9 13 24 9 2 8 7 14 52 7 3 36 5 16 20 4 5 4 3 17 48 2 6 32 { 1 19 16 31 8 0	11 7 13 10 0 11 11 14 17 10 1 24 9 10 7 7 17 24 7 0 24 5 8 11 3 17 36 3 5 20 1 19 40 1 12 22 31 6 33
1524. C. 3 23 17	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	2 16 52 1 5 36 2 18 19 { 1 7 3 30 19 47 30 8 31 28 21 15 28 9 59 26 22 43 25 11 27 25 0 11 23 12 55 23 1 39	3 5 26 1 17 13 3 2 33 1 10 25 30 17 23 30 0 37 28 9 16 27 20 18 26 10 20 25 3 16 24 22 13 23 17 42 23 12 2	1521. G.F. 3 16 43	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	29 20 44 28 9 23 28 22 13 27 10 57 26 23 41 25 12 25 25 1 9 23 13 53 22 2 37 21 15 21 20 4 5 19 16 49	30 1 2 28 18 23 29 9 37 27 22 12 27 8 24 25 17 0 25 1 0 23 9 21 21 18 49 21 5 53 19 18 46 19 9 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1520.	JAN. .	18 5 33	18 1 31	B.C. 1517.	JAN. .	15 20 43	15 23 17
E.	FEB. .	16 18 17	16 18 23	B.A.	FEB. .	14 9 27	14 8 45
April.	MAR. .	18 7 2	18 11 11	April.	MAR. .	14 22 11	14 17 53
<i>d. h. m.</i>	APRIL	16 19 46	17 2 58	<i>d. h. m.</i>	APRIL	13 10 55	13 8 35
3 22 32	MAY .	16 8 30	16 17 4	3 15 58	MAY .	12 23 39	12 14 35
	JUNE .	14 21 14	15 5 12		JUNE .	11 12 23	11 3 31
	JULY .	14 9 58	14 15 46		JULY .	11 1 7	10 18 23
	AUG. .	12 22 42	13 1 27		AUG. .	9 13 51	9 11 2
	SEPT. .	11 11 26	11 10 59		SEPT. .	8 2 35	8 4 19
	OCT. .	11 0 10	10 21 1		OCT. .	7 15 19	7 21 17
	NOV. .	9 12 54	9 7 49		NOV. .	6 4 8	6 13 4
	DEC. .	9 1 38	8 19 23		DEC. .	5 16 47	6 3 4
1519.	JAN. .	7 14 22	7 8 4	1516.	JAN. .	4 5 31	4 15 3
D.	FEB. .	6 3 6	5 21 39	G.	FEB. .	2 18 15	3 1 8
	MAR. .	7 15 50	7 12 11		MAR. .	4 7 0	4 9 46
4 4 21	APRIL	6 4 34	6 3 30	3 21 47	APRIL	2 19 44	2 17 36
	MAY .	5 17 18	5 19 3		MAY .	2 8 28	2 1 30
	JUNE .	4 6 2	4 10 11			31 21 12	31 10 35
	JULY .	3 18 46	4 0 22		JUNE .	30 9 56	29 21 43
	AUG. .	2 7 30	2 13 19		JULY .	29 22 40	29 11 39
		31 20 14			AUG. .	23 11 24	23 4 8
	SEPT. .	30 8 58	1 1 15		SEPT. .	27 0 8	26 22 24
			30 12 33		OCT. .	23 12 52	26 17 10
	OCT. .	29 21 42	29 23 33		NOV. .	23 1 36	25 11 0
	NOV. .	28 10 26	23 10 24		DEC. .	24 14 20	25 2 43
	DEC. .	27 23 10	27 21 11				
1518.	JAN. .	26 11 54	26 7 59	1515.	JAN. .	23 8 4	23 15 45
C.	FEB. .	25 0 38	24 19 9	F.	FEB. .	21 15 48	22 2 12
	MAR. .	26 13 23	26 7 9		MAR. .	23 4 38	23 10 35
4 10 10	APRIL	25 2 7	24 20 22	4 3 36	APRIL	21 17 17	21 17 42
	MAY .	24 14 51	24 10 53		MAY .	21 6 1	21 0 35
	JUNE .	23 3 35	23 2 21		JUNE .	19 18 45	19 8 22
	JULY .	22 16 19	22 18 6		JULY .	19 7 29	18 18 7
	AUG. .	21 5 3	21 9 28		AUG. .	17 20 13	17 6 41
	SEPT. .	19 17 47	19 23 59		SEPT. .	16 8 57	15 22 19
	OCT. .	19 6 31	19 13 27		OCT. .	15 21 41	15 16 30
	NOV. .	17 19 15	18 1 47		NOV. .	14 10 25	14 12 0
	DEC. .	17 7 59	17 13 3		DEC. .	13 23 9	14 7 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1514. E. April. <i>d. h. m.</i> 4 9 25	JAN. .	<i>d. h. m.</i> 12 11 53	<i>d. h. m.</i> 13 0 20	B.C. 1511. A. April. <i>d. h. m.</i> 4 2 51	JAN. .	<i>d. h. m.</i> 9 3 3	<i>d. h. m.</i> 8 21 19
	FEB. .	11 0 37	11 14 38		FEB. .	7 15 47	7 18 33
	MAR. .	12 13 21	13 1 55		MAR. .	9 4 31	9 6 20
	APRIL	11 2 5	11 10 40		APRIL	7 17 15	7 22 35
	MAY .	10 14 49	10 17 48		MAY .	7 5 59	7 13 33
	JUNE .	9 3 33	9 0 26		JUNE .	5 18 43	6 2 46
	JULY .	8 16 17	8 7 40		JULY .	5 7 27	5 14 15
	AUG. .	7 5 1	6 16 32		AUG. .	3 20 11	4 0 32
	SEPT. .	5 17 45	5 3 56		SEPT. .	2 8 55	2 10 19
	OCT. .	5 6 29	4 18 18		OCT. .	{ 1 21 39	1 20 16
	NOV. .	3 19 13	3 11 28			{ 31 10 23	31 6 44
	DEC. .	3 7 57	3 6 26		NOV. .	29 23 7	29 17 57
					DEC. .	20 11 51	29 5 55
1513. D.C. 3 15 14	JAN. .	{ 1 20 41	2 1 45	1510. G. 4 8 40	JAN. .	28 0 35	27 18 44
	FEB. .	31 9 25	31 19 47		FEB. .	26 13 19	26 8 29
	MAR. .	29 22 10	{ 1 11 19		MAR. .	23 2 4	27 23 12
	APRIL	30 10 54	{ 30 23 50		APRIL	26 14 48	26 14 38
	MAY .	28 23 38	29 9 33		MAY .	26 3 32	26 5 57
	JUNE .	28 12 22	28 17 32		JUNE .	24 16 16	24 20 47
	JULY .	27 1 6	27 0 40		JULY .	24 5 0	24 10 35
	AUG. .	26 13 50	26 8 4		AUG. .	22 17 44	22 23 18
	SEPT. .	25 2 34	24 16 43		SEPT. .	21 6 23	21 11 9
	OCT. .	23 15 18	23 3 21		OCT. .	20 19 12	20 22 28
	NOV. .	23 4 2	22 16 24		NOV. .	19 7 56	19 9 29
	DEC. .	21 16 46	21 7 55		DEC. .	18 20 40	18 20 14
		21 5 30	21 1 20				
1512. B. 3 21 3	JAN. .	19 18 14	19 19 28	1509. F.E. 3 14 29	JAN. .	17 9 24	17 6 50
	FEB. .	18 6 58	18 13 32		FEB. .	15 22 8	15 17 30
	MAR. .	19 19 43	20 5 43		MAR. .	16 10 53	16 4 43
	APRIL	18 8 27	18 19 42		APRIL	14 23 37	14 17 2
	MAY .	17 21 11	18 7 6		MAY .	14 12 21	14 6 45
	JUNE .	16 9 55	16 16 30		JUNE .	13 1 5	12 21 47
	JULY .	15 22 39	16 0 50		JULY .	12 13 49	12 13 35
	AUG. .	14 11 23	14 9 7		AUG. .	11 2 33	11 5 29
	SEPT. .	13 0 7	12 18 9		SEPT. .	9 15 17	9 20 46
	OCT. .	12 12 51	12 4 29		OCT. .	9 4 1	9 11 3
	NOV. .	11 1 35	10 16 27		NOV. .	7 16 45	8 0 8
	DEC. .	10 14 19	10 6 8		DEC. .	7 5 29	7 12 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1508. D. April. <i>d. h. m.</i> 3 20 18	JAN. .	5 18 13	5 22 40	B.C. 1505. A.G. April. <i>d. h. m.</i> 3 13 44	JAN. .	3 9 23	3 20 1
	FEB. .	4 6 57	4 8 17		FEB. .	1 22 7	2 11 47
	MAR. .	5 19 41	5 17 17		MAR. .	{ 2 10 51 31 23 35	3 0 29
	APRIL	4 8 25	4 2 21		APRIL	30 12 19	{ 1 10 19 30 18 5
	MAY .	3 21 9	3 12 22		MAY .	30 1 3	30 0 50
	JUNE .	2 9 53	2 0 9		JUNE .	28 13 47	23 7 42
	JULY .	{ 1 22 37 31 11 21	1 14 6 31 6 4		JULY .	23 2 31	27 15 43
	AUG. .	30 0 5	29 23 19		AUG. .	26 15 15	26 1 52
	SEPT. .	28 12 49	28 16 50		SEPT. .	25 3 59	24 14 43
	OCT. .	28 1 33	28 9 32		OCT. .	24 16 43	24 6 39
	NOV. .	26 14 17	27 0 37		NOV. .	23 5 27	23 0 50
	DEC. .	26 3 1	26 13 37		DEC. .	22 18 11	22 20 5
1507. C. 4 2 7	JAN. .	24 15 45	25 0 33	1504. F. 3 19 33	JAN. .	21 6 55	21 14 49
	FEB. .	23 4 29	23 9 41		FEB. .	19 19 39	20 7 35
	MAR. .	24 17 14	24 17 37		MAR. .	21 8 24	21 21 34
	APRIL	23 5 58	23 1 10		APRIL	19 21 8	20 8 35
	MAY .	22 18 42	22 9 25		MAY .	19 9 52	19 17 24
	JUNE .	21 7 26	20 19 23		JUNE .	17 22 36	18 0 52
	JULY .	20 20 10	20 7 54		JULY .	17 11 20	17 8 9
	AUG. .	19 8 54	18 23 13		AUG. .	16 0 4	15 16 14
	SEPT. .	17 21 33	17 16 53		SEPT. .	14 12 48	14 1 56
	OCT. .	17 10 22	17 11 46		OCT. .	14 1 32	13 13 49
	NOV. .	15 23 6	16 6 23		NOV. .	12 14 16	12 4 6
	DEC. .	15 11 50	15 23 20		DEC. .	12 3 0	11 20 31
1506. E. 4 7 56	JAN. .	14 0 34	14 13 44	1503. E. 4 1 22	JAN. .	10 15 44	10 14 19
	FEB. .	12 13 18	13 1 20		FEB. .	9 4 28	9 8 21
	MAR. .	14 2 3	14 10 32		MAR. .	10 17 12	11 1 25
	APRIL	12 14 47	12 18 1		APRIL	9 5 56	9 16 29
	MAY .	12 3 31	12 0 49		MAY .	8 18 40	9 5 7
	JUNE .	10 16 15	10 7 59		JUNE .	7 7 24	7 15 33
	JULY .	10 4 59	9 16 39		JULY .	6 20 8	7 0 29
	AUG. .	8 17 43	8 3 47		AUG. .	5 8 52	5 8 53
	SEPT. .	7 6 27	6 17 57		SEPT. .	3 21 36	3 17 40
	OCT. .	6 19 11	6 11 5		OCT. .	3 10 20	3 3 27
	NOV. .	5 7 55	5 6 10		NOV. .	1 23 4	1 14 33
	DEC. .	4 20 39	5 1 42		DEC. .	{ 1 11 48 31 0 32	1 3 24 30 17 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1502.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1499.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	29 13 16	29 9 12	G.	JAN. .	26 4 26	26 7 49
April.	FEB. .	28 2 0	28 1 31	April.	FEB. .	24 17 10	24 16 50
<i>d. h. m.</i>	MAR. .	29 14 44	29 17 55	<i>d. h. m.</i>	MAR. .	26 5 55	26 1 38
4 7 11	APRIL	28 3 28	28 9 32	4 0 37	APRIL	24 18 39	24 10 46
	MAY .	27 16 12	27 23 43		MAY .	24 7 23	23 21 26
	JUNE .	26 4 56	26 12 13		JUNE .	22 20 7	22 10 13
	JULY .	25 17 40	25 23 15		JULY .	22 8 51	22 1 17
	AUG. .	24 6 24	24 9 28		AUG. .	20 21 35	20 18 11
	SEPT. .	22 19 8	22 19 29		SEPT. .	19 10 19	19 11 55
	OCT. .	22 7 52	22 5 49		OCT. .	18 23 3	19 5 24
	NOV. .	20 20 36	20 16 43		NOV. .	17 11 47	17 21 32
	DEC. .	20 9 21	20 4 10		DEC. .	17 0 31	17 11 42
1501. C.B.	JAN. .	18 22 6	18 16 21	1498.	JAN. .	15 13 15	15 23 36
	FEB. .	17 10 50	17 5 19	F.	FEB. .	14 1 59	14 9 26
	MAR. .	17 23 31	17 19 17		MAR. .	15 14 44	15 17 42
3 13 0	APRIL	16 12 18	16 10 8	4 6 26	APRIL	14 3 28	14 1 9
	MAY .	16 1 2	16 1 31		MAY .	13 16 12	13 8 48
	JUNE .	14 18 46	14 16 46		JUNE .	12 4 56	11 17 42
	JULY .	14 2 30	14 7 19		JULY .	11 17 40	11 4 51
	AUG. .	12 15 14	12 20 51		AUG. .	10 6 24	9 18 49
	SEPT. .	11 3 53	11 9 23		SEPT. .	8 19 8	8 11 38
	OCT. .	10 16 42	10 21 11		OCT. .	8 7 52	8 6 8
	NOV. .	9 5 26	9 8 28		NOV. .	6 20 36	7 1 12
	DEC. .	8 18 10	8 19 21		DEC. .	6 9 20	6 19 15
1500. A.	JAN. .	7 6 54	7 5 53	1497.	JAN. .	4 22 4	5 11 0
	FEB. .	5 19 38	5 16 13	E.D.	FEB. .	3 10 43	3 23 57
	MAR. .	7 8 22	7 2 49		MAR. .	3 23 32	4 10 9
3 18 49	APRIL	5 21 6	5 14 14	3 12 15	APRIL	2 12 16	2 18 15
	MAY .	5 9 50	5 3 3		MAY .	2 1 0	2 1 11
	JUNE .	3 22 34	3 17 22			31 13 44	31 7 59
	JULY .	3 11 18	3 8 56		JUNE .	30 2 28	29 15 46
	AUG. .	2 0 2	2 1 3		JULY .	29 15 12	29 1 35
		31 12 46	31 17 0		AUG. .	28 3 56	27 14 18
	SEPT. .	30 1 30	30 8 7		SEPT. .	26 16 40	26 6 4
	OCT. .	29 14 14	29 22 4		OCT. .	26 5 24	26 0 24
	NOV. .	28 2 58	28 10 38		NOV. .	24 18 8	24 19 57
	DEC. .	27 15 42	27 21 51		DEC. .	24 6 52	24 15 4

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1496. c. April. d. h. m. 3 18 4		d. h. m.	d. h. m.	B.C. 1493. G.F. April. d. h. m. 3 11 30		d. h. m.	d. h. m.
	JAN. .	22 19 36	23 8 11		JAN. .	20 10 46	20 5 15
	FEB. .	21 8 21	21 22 23		FEB. .	18 23 30	18 20 59
	MAR. .	22 21 5	23 9 30		MAR. .	19 12 15	19 13 12
	APRIL	21 9 49	21 18 8		APRIL	18 0 59	18 5 10
	MAY .	20 22 33	21 1 15		MAY .	17 13 43	17 20 8
	JUNE .	19 11 17	19 7 57		JUNE .	16 2 27	16 9 36
	JULY .	19 0 1	18 15 21		JULY .	15 15 11	15 21 34
	AUG. .	17 12 45	17 0 26		AUG. .	14 3 55	14 8 22
	SEPT. .	16 1 29	15 12 1		SEPT. .	12 16 39	12 18 40
	OCT. .	15 14 13	15 2 23		OCT. .	12 5 23	12 5 1
	NOV. .	14 2 57	13 19 34		NOV. .	10 18 7	10 15 41
	DEC. .	13 15 41	13 14 23		DEC. .	10 6 51	10 2 40
1495. B. 3 23 53	JAN. .	12 4 25	12 9 27	1492. E. 3 17 19	JAN. .	8 19 35	8 14 24
	FEB. .	10 17 9	11 3 14		FEB. .	7 8 19	7 2 30
	MAR..	12 5 54	12 18 35		MAR..	8 21 4	8 15 50
	APRIL	10 18 33	11 7 2		APRIL	7 9 43	7 6 0
	MAY .	10 7 22	10 16 52		MAY .	6 22 32	6 21 1
	JUNE .	8 20 6	9 0 56		JUNE .	5 11 16	5 12 26
	JULY .	8 8 50	8 8 19		JULY .	5 0 0	5 3 32
	AUG. .	6 21 34	6 16 1		AUG. .	3 12 44	3 17 51
	SEPT. .	5 10 18	5 0 59		SEPT. .	2 1 23	2 7 11
	OCT. .	4 23 2	4 11 50		OCT. .	1 14 12	1 19 36
	NOV. .	3 11 46	3 0 56			31 2 56	31 7 19
	DEC. .	3 0 30	2 16 15		NOV. .	29 15 40	29 13 27
					DEC. .	29 4 24	29 5 4
1494. A. 4 5 42	JAN. .	1 13 14	1 9 16	1491. D. 3 23 8	JAN. .	27 17 8	27 15 16
	FEB. .	31 1 58	31 3 7		FEB. .	26 5 52	26 1 23
	MAR. .	1 14 42	1 20 37		MAR..	27 18 36	27 12 2
	APRIL	31 3 26	31 12 39		APRIL	26 7 20	25 23 53
	MAY .	29 16 10	30 2 32		MAY .	25 20 4	25 13 18
	JUNE .	29 4 54	29 14 5		JUNE .	24 8 43	24 4 18
	JULY .	27 17 38	27 23 50		JULY .	23 21 32	23 20 22
	AUG. .	27 6 22	27 8 36		AUG. .	22 10 16	22 12 46
	SEPT. .	25 19 6	25 17 17		SEPT..	20 23 0	21 4 40
	OCT. .	24 7 50	24 2 41		OCT. .	20 11 44	20 19 29
	NOV. .	23 20 34	23 13 16		NOV. .	19 0 23	19 8 55
	DEC. .	22 9 13	22 1 13		DEC. .	18 13 12	18 20 50
		21 22 2	21 14 35				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1490. c. April. <i>d. h. m.</i> 4 4 57		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1487. F. April. <i>d. h. m.</i> 3 22 23		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17 1 56	17 7 17		JAN. .	13 17 6	14 3 51
	FEB. .	15 14 40	15 16 31		FEB. .	12 5 50	12 19 30
	MAR. .	17 3 25	17 1 5		MAR. .	13 18 35	14 8 4
	APRIL	15 16 9	15 9 42		APRIL	12 7 19	12 17 47
	MAY .	15 4 53	14 19 23		MAY .	11 20 3	12 1 31
	JUNE .	13 17 37	13 6 57		JUNE .	10 8 47	10 8 19
	JULY .	13 6 21	12 20 53		JULY .	9 21 31	9 15 21
	AUG. .	11 19 5	11 13 5		AUG. .	8 10 15	7 23 34
	SEPT. .	10 7 49	10 6 44		SEPT. .	6 22 59	6 9 57
	OCT. .	9 20 33	10 0 44		OCT. .	6 11 43	5 23 1
	NOV. .	8 9 17	8 17 52		NOV. .	5 0 27	4 14 51
	DEC. .	7 22 1	8 9 11		DEC. .	4 13 11	4 8 53
1489. B.A. 8 10 46	JAN. .	6 10 45	6 22 12	1486. E. 4 4 12	JAN. .	3 1 55	3 3 52
	FEB. .	4 23 29	5 8 54		FEB. .	1 14 39	1 22 19
	MAR. .	5 12 13	5 17 42		MAR. .	3 3 23	3 14 52
	APRIL	4 0 57	4 1 16		APRIL	1 16 7	2 4 43
	MAY .	3 13 41	3 8 33		MAY .	1 4 51	1 15 47
	JUNE .	2 2 25	1 16 36		JUNE .	30 17 35	31 0 41
	JULY .	1 15 9	1 2 30		JUNE .	29 6 19	29 8 24
		31 3 53	30 15 3		JULY .	28 19 3	28 15 58
	AUG. .	29 16 37	29 6 34		AUG. .	27 7 47	27 0 24
	SEPT. .	23 5 21	28 0 30		SEPT. .	25 20 31	25 10 23
	OCT. .	27 18 5	27 19 40		OCT. .	25 9 15	24 22 23
	NOV. .	26 6 49	26 14 31		NOV. .	23 21 59	23 12 33
	DEC. .	25 19 33	26 7 33		DEC. .	23 10 43	23 4 38
1488. G. 3 16 35	JAN. .	24 8 17	24 21 53	1485. D.C. 3 10 1	JAN. .	21 23 27	21 21 59
	FEB. .	22 21 1	23 9 19		FEB. .	20 12 11	20 15 33
	MAR. .	24 9 46	24 13 16		MAR. .	21 0 56	21 8 18
	APRIL	22 22 30	23 1 34		APRIL	19 13 40	19 23 15
	MAY .	22 11 14	22 8 14		MAY .	19 2 24	19 12 0
	JUNE .	20 23 58	20 15 24		JUNE .	17 15 8	17 22 43
	JULY .	20 12 42	20 0 7		JULY .	17 3 52	17 8 4
	AUG. .	19 1 26	18 11 23		AUG. .	15 16 36	15 16 55
	SEPT. .	17 14 10	17 1 43		SEPT. .	14 5 20	14 2 7
	OCT. .	17 2 54	16 18 57		OCT. .	13 18 4	13 12 13
	NOV. .	15 15 38	15 14 8		NOV. .	12 6 48	11 23 30
	DEC. .	15 4 22	15 9 39		DEC. .	11 19 32	11 12 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1484. B. April. <i>d. h. m.</i> 3 15 50		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1481. F.E. April. <i>d. h. m.</i> 3 9 16		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	10 8 16	10 1 52		JAN. .	7 23 26	8 6 34
	FEB. .	8 21 0	8 16 48		FEB. .	6 12 10	6 16 12
	MAR. .	10 9 45	10 8 35		MAR. .	7 0 55	7 0 50
	APRIL .	8 22 29	9 0 35		APRIL .	5 13 39	5 9 5
	MAY .	8 11 13	8 16 4		MAY .	5 2 23	4 17 55
	JUNE .	6 23 57	7 6 25		JUNE .	3 15 7	3 4 23
	JULY .	6 12 41	6 19 18		JULY .	3 3 51	2 17 2
	AUG. .	5 1 25	5 6 52		AUG. .	{ 1 16 35	1 8 13
	SEPT. .	3 14 9	3 17 39			{ 31 5 19	31 1 26
	OCT. .	3 2 53	3 4 9		SEPT. .	29 18 3	29 19 39
	NOV. .	1 15 37	1 14 47		OCT. .	29 6 47	29 13 34
	DEC. .	{ 1 4 21	1 1 41		NOV. .	27 19 31	28 6 1
		{ 30 17 5	30 12 53		DEC. .	27 8 15	27 20 15
1483. A. 3 21 39	JAN. .	29 5 49	29 0 31	1480. D. 3 15 5	JAN. .	25 20 59	26 8 1
	FEB. .	27 18 33	27 12 53		FEB. .	24 9 43	24 17 33
	MAR. .	29 7 17	29 2 15		MAR. .	25 22 27	26 1 28
	APRIL .	27 20 1	27 16 41		APRIL .	24 11 11	24 8 38
	MAY .	27 8 45	27 7 54		MAY .	23 23 55	23 16 4
	JUNE .	25 21 29	25 23 20		JUNE .	22 12 39	22 0 51
	JULY .	25 10 13	25 14 20		JULY .	22 1 23	21 12 2
	AUG. .	23 22 57	24 4 28		AUG. .	20 14 7	20 2 8
	SEPT. .	22 11 41	22 17 37		SEPT. .	19 2 51	18 19 4
	OCT. .	22 0 25	22 5 53		OCT. .	18 15 35	18 13 57
	NOV. .	20 13 9	20 17 25		NOV. .	17 4 19	17 9 15
	DEC. .	20 1 53	20 4 16		DEC. .	16 17 3	17 3 25
1482. G. 4 3 23	JAN. .	18 14 37	18 14 28	1479. C. 3 20 54	JAN. .	15 5 47	15 19 10
	FEB. .	17 3 21	17 0 19		FEB. .	13 18 31	14 7 57
	MAR. .	18 16 6	18 10 22		MAR. .	15 7 16	15 17 57
	APRIL .	17 4 50	16 21 17		APRIL .	13 20 0	14 1 51
	MAY .	16 17 34	16 9 43		MAY .	13 8 44	13 8 39
	JUNE .	15 6 18	14 23 54		JUNE .	11 21 28	11 15 24
	JULY .	14 19 2	14 15 37		JULY .	11 10 12	10 23 15
	AUG. .	13 7 46	13 8 9		AUG. .	9 22 56	9 9 14
	SEPT. .	11 20 30	12 0 39		SEPT. .	8 11 40	7 22 5
	OCT. .	11 9 14	11 16 22		OCT. .	8 0 24	7 14 0
	NOV. .	9 21 58	10 6 43		NOV. .	6 13 8	6 8 23
	DEC. .	9 10 42	9 19 29		DEC. .	6 1 52	6 3 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1478.	JAN. .	4 14 36	4 22 56	B.C. 1475.	JAN. .	{ 1 5 46	...
B.	FEB. .	3 3 21	3 15 55	E.	FEB. .	{ 30 18 30	30 13 7
April. <i>d. h. m.</i>	MAR. .	4 16 5	5 5 56		MAR. .	{ 1 7 14	1 4 14
4 2 43	APRIL	3 4 49	3 16 57	April. <i>d. h. m.</i>	APRIL	{ 30 19 58	30 19 57
	MAY .	2 17 33	3 1 31	3 20 9	MAY .	29 8 42	23 11 40
	JUNE .	{ 1 6 17	1 8 42		JUNE .	28 21 26	29 2 40
		{ 30 19 1	30 15 32		JULY .	27 10 10	27 16 28
	JULY .	30 7 45	29 23 10		AUG. .	26 22 54	27 4 55
	AUG. .	28 20 29	28 8 29		SEPT. .	25 11 38	25 16 18
	SEPT. .	27 9 13	26 20 15		OCT. .	24 0 22	24 3 8
	OCT. .	26 21 57	26 10 45		NOV. .	23 13 6	23 13 52
	NOV. .	25 10 41	25 3 44		DEC. .	22 1 50	22 0 40
	DEC. .	24 23 25	24 22 17			21 14 34	21 11 37
1477.	JAN. .	23 12 9	23 17 1	1474.	JAN. .	20 3 18	19 22 48
A.G.	FEB. .	22 0 53	22 10 31	D.	FEB. .	18 16 2	18 10 29
	MAR. .	22 13 37	23 1 41		MAR. .	20 4 47	19 23 2
3 8 32	APRIL	21 2 21	21 14 6	4 1 58	APRIL	18 17 31	18 12 43
	MAY .	20 15 5	21 0 2		MAY .	18 6 15	18 3 28
	JUNE .	19 3 49	19 8 19		JUNE .	16 18 59	16 18 55
	JULY .	18 16 33	18 16 1		JULY .	16 7 43	16 10 22
	AUG. .	17 5 17	17 0 5		AUG. .	14 20 27	15 1 13
	SEPT. .	15 18 1	15 9 23		SEPT. .	13 9 11	13 15 10
	OCT. .	15 6 45	14 20 26		OCT. .	12 21 55	13 4 8
	NOV. .	13 19 29	13 9 31		NOV. .	11 10 39	11 16 11
	DEC. .	13 8 13	13 0 32		DEC. .	10 23 23	11 3 22
1476.	JAN. .	11 20 57	11 17 7	1473.	JAN. .	9 12 7	9 13 46
F.	FEB. .	10 9 41	10 10 28	C.B.	FEB. .	8 0 51	7 23 33
	MAR. .	11 22 26	12 3 34		MAR. .	8 13 36	8 9 10
3 14 21	APRIL	10 11 10	10 19 24	3 7 47	APRIL	7 2 20	6 19 18
	MAY .	9 23 54	10 9 18		MAY .	6 15 4	6 6 42
	JUNE .	8 12 38	8 21 6		JUNE .	5 3 48	4 19 55
	JULY .	8 1 22	8 7 13		JULY .	4 16 32	4 10 56
	AUG. .	6 14 6	6 16 26		AUG. .	3 5 16	3 3 19
	SEPT. .	5 2 50	5 1 36		SEPT. .	1 18 0	1 20 11
	OCT. .	4 15 34	4 11 23		OCT. .	{ 1 6 44	1 12 40
	NOV. .	3 4 18	2 22 8			{ 30 19 28	31 3 59
	DEC. .	2 17 2	{ 2 10 0		NOV. .	29 8 12	29 17 41
			{ 31 22 59		DEC. .	28 20 56	29 5 35

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1472. A. April. <i>d. h. m.</i> 3 13 36		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1469. E.D. April. <i>d. h. m.</i> 3 7 2		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	27 9 40	27 15 48		JAN. .	25 0 50	25 11 35
	FEB. .	25 22 24	26 0 39		FEB. .	23 13 34	24 8 3
	MAR. .	27 11 8	27 8 46		MAR. .	24 2 18	24 15 29
	APRIL	25 23 52	25 17 0		APRIL	22 15 2	23 1 9
	MAY .	25 12 36	25 2 23		MAY .	22 3 46	22 8 53
	JUNE .	24 1 20	23 13 49		JUNE .	20 16 30	20 15 50
	JULY .	23 14 4	23 3 48		JULY .	20 5 14	19 23 4
	AUG. .	22 2 48	21 20 12		AUG. .	18 17 58	18 7 34
	SEPT. .	20 15 32	20 14 15		SEPT. .	17 6 42	16 18 10
	OCT. .	20 4 16	20 8 41		OCT. .	16 19 26	16 7 19
	NOV. .	18 17 0	19 2 11		NOV. .	15 8 10	14 23 6
	DEC. .	18 5 44	18 17 40		DEC. .	14 20 54	14 16 53
1471. G. 3 19 25	JAN. .	16 18 28	17 6 37	1468. C. 3 12 51	JAN. .	13 9 33	13 11 32
	FEB. .	15 7 12	15 17 6		FEB. .	11 22 22	12 5 38
	MAR. .	16 19 57	17 1 36		MAR. .	13 11 7	13 21 58
	APRIL	15 8 41	15 8 53		APRIL	11 23 51	12 11 44
	MAY .	14 21 25	14 15 56		MAY .	11 12 35	11 22 53
	JUNE .	13 10 9	12 23 51		JUNE .	10 1 19	10 7 58
	JULY .	12 22 53	12 9 44		JULY .	9 14 3	9 15 59
	AUG. .	11 11 37	10 22 24		AUG. .	8 2 47	7 23 58
	SEPT. .	10 0 21	9 14 4		SEPT. .	6 15 31	6 8 44
	OCT. .	9 13 5	9 8 13		OCT. .	6 4 15	5 19 0
	NOV. .	8 1 49	8 3 37		NOV. .	4 16 59	4 7 3
	DEC. .	7 14 33	7 22 38		DEC. .	4 5 43	3 21 2
1470. F. 4 1 14	JAN. .	6 3 17	6 15 41	1467. B. 3 18 40	JAN. .	2 18 27	2 12 43
	FEB. .	4 16 1	5 5 55		FEB. .	1 7 11	1 5 31
	MAR. .	6 4 46	6 17 10		MAR. .	2 19 56	2 22 39
	APRIL	4 17 30	5 1 55		APRIL	{ 1 8 40 30 21 24	1 15 4
	MAY .	4 6 14	4 9 4		MAY .	30 10 8	{ 1 5 57 30 18 50
	JUNE .	2 18 58	2 15 41		JUNE .	28 22 52	29 5 56
	JULY .	{ 2 7 42 31 20 26	1 22 53 31 7 46		JULY .	28 11 36	28 15 44
	AUG. .	30 9 10	29 19 11		AUG. .	27 0 20	27 1 6
	SEPT. .	28 21 54	28 9 39		SEPT. .	25 13 4	25 10 42
	OCT. .	23 10 33	23 2 57		OCT. .	25 1 43	24 21 5
	NOV. .	26 23 22	26 22 6		NOV. .	23 14 32	23 8 22
	DEC. .	26 12 6	26 17 32		DEC. .	23 3 16	22 20 38

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1466. A.	JAN. .	21 16 0	21 9 57	B.C. 1463. D.	JAN. .	18 7 10	18 15 10
April.	FEB. .	20 4 44	20 0 17	April.	FEB. .	16 19 54	17 0 29
<i>d. h. m.</i>	MAR. .	21 17 28	21 15 29	<i>d. h. m.</i>	MAR. .	18 8 38	18 8 40
4 0 29	APRIL	20 6 12	20 7 8	3 17 55	APRIL	16 21 22	16 16 31
	MAY .	19 18 56	19 22 33		MAY .	16 10 6	16 1 3
	JUNE .	18 7 40	18 13 7		JUNE .	14 22 50	14 11 16
	JULY .	17 20 24	18 2 26		JULY .	14 11 34	13 23 57
	AUG. .	16 9 8	16 14 35		AUG. .	13 0 18	12 15 17
	SEPT. .	14 21 52	15 1 56		SEPT. .	11 13 2	11 8 49
	OCT. .	14 10 36	14 12 53		OCT. .	11 1 46	11 3 26
	NOV. .	12 23 20	12 23 43		NOV. .	9 14 30	9 21 44
	DEC. .	12 12 4	12 10 34		DEC. .	9 3 14	9 14 25
1465. G.F.	JAN. .	11 0 48	10 21 27	1462. C.	JAN. .	7 15 58	8 4 40
	FEB. .	9 13 32	9 8 35		FEB. .	6 4 42	6 16 16
	MAR. .	10 2 17	9 20 21		MAR. .	7 17 27	8 1 32
3 6 18	APRIL	8 15 1	8 9 10	3 23 44	APRIL	6 6 11	6 9 11
	MAY .	8 3 45	7 23 15		MAY .	5 18 55	5 16 5
	JUNE .	6 16 29	6 14 23		JUNE .	4 7 39	3 23 23
	JULY .	6 5 13	6 6 0		JULY .	3 20 23	3 8 9
	AUG. .	4 17 57	4 21 28		AUG. .	2 9 7	1 19 23
	SEPT. .	3 6 41	3 12 13			81 21 51	81 9 33
	OCT. .	2 19 25	3 1 57		SEPT. .	30 10 35	30 2 46
	NOV. .	{ 1 8 9	1 14 40		OCT. .	29 23 19	29 21 51
	DEC. .	{ 30 20 53	{ 1 2 20		NOV. .	23 12 3	23 17 21
			{ 30 13 4		DEC. .	23 0 47	23 11 31
1464. E.	JAN. .	23 22 21	23 22 56	1461. B.A.	JAN. .	26 13 31	27 3 10
	FEB. .	27 11 5	27 8 19		FEB. .	25 2 15	25 15 43
	MAR. .	28 23 50	28 17 51		MAR. .	25 14 59	26 1 36
3 12 7	APRIL	27 12 34	27 4 17	3 5 33	APRIL	24 3 43	24 9 21
	MAY .	27 1 18	26 16 25		MAY .	23 16 27	23 16 4
	JUNE .	25 14 2	25 6 32		JUNE .	22 5 11	21 22 52
	JULY .	25 2 46	24 22 25		JULY .	21 17 55	21 6 52
	AUG. .	23 15 30	23 15 22		AUG. .	20 6 39	19 17 1
	SEPT. .	22 4 14	22 8 26		SEPT. .	18 19 23	18 6 0
	OCT. .	21 16 58	22 0 39		OCT. .	18 8 7	17 22 0
	NOV. .	20 5 42	20 15 23		NOV. .	16 20 51	16 16 23
	DEC. .	19 18 26	20 4 14		DEC. .	16 9 35	16 11 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1460.	JAN. .	14 22 19	15 6 39	1457.	JAN. .	12 13 29	12 7 18
G.	FEB. .	13 11 3	13 23 26	D.C.	FEB. .	11 2 13	10 20 50
April.	MAR. .	14 23 48	15 13 19	April.	MAR. .	11 14 58	11 11 21
<i>d. h. m.</i>	APRIL	13 12 32	14 0 15	<i>d. h. m.</i>	APRIL	10 3 42	10 2 37
3 11 22	MAY .	13 1 16	13 8 50	3 4 48	MAY .	9 16 26	9 18 8
	JUNE .	11 14 0	11 16 7		JUNE .	8 5 10	8 9 14
	JULY .	11 2 44	10 23 11		JULY .	7 17 54	7 23 24
	AUG. .	9 15 28	9 7 5		AUG. .	6 6 38	6 12 23
	SEPT. .	8 4 12	7 16 42		SEPT. .	4 19 22	5 0 23
	OCT. .	7 16 56	7 4 38		OCT. .	4 8 6	4 11 45
	NOV. .	6 5 40	5 19 7		NOV. .	2 20 50	2 22 46
	DEC. .	5 18 24	5 11 53		DEC. .	{ 2 9 34	2 9 38
						{ 31 22 18	31 20 23
1459.	JAN. .	4 7 8	4 6 4	1456.	JAN. .	30 11 2	30 7 6
F.	FEB. .	2 19 52	3 0 26	B.	FEB. .	28 23 47	23 18 13
	MAR. .	4 8 37	4 17 38		MAR. .	30 12 31	30 6 10
3 17 11	APRIL	2 21 21	3 8 40	3 10 37	APRIL	29 1 15	23 19 24
	MAY .	{ 2 10 5	2 21 6		MAY .	28 13 59	23 9 57
		{ 31 22 49			JUNE .	27 2 43	27 1 27
	JUNE .	30 11 33	{ 1 7 13		JULY .	26 15 27	26 17 17
			30 15 43		AUG. .	25 4 11	25 8 43
	JULY .	30 0 17	29 23 51		SEPT. .	23 16 55	23 23 17
	AUG. .	28 13 1	28 8 20		OCT. .	23 5 39	23 12 45
	SEPT. .	27 1 45	26 17 57		NOV. .	21 18 23	22 1 4
	OCT. .	26 14 29	26 5 9		DEC. .	21 7 7	21 12 15
	NOV. .	25 3 13	24 18 8				
	DEC. .	24 15 57	24 8 50				
1458.	JAN. .	23 4 41	23 0 53	1455.	JAN. .	19 19 51	19 22 23
E.	FEB. .	21 17 25	21 17 42	A.	FEB. .	18 8 35	18 7 44
	MAR. .	23 6 9	23 10 22		MAR. .	19 21 19	19 16 49
3 23 0	APRIL	21 18 53	22 2 3	3 16 26	APRIL	18 10 3	18 2 23
	MAY .	21 7 37	21 16 0		MAY .	17 22 47	17 13 30
	JUNE .	19 20 21	20 4 6		JUNE .	16 11 31	16 2 32
	JULY .	19 9 5	19 14 40		JULY .	16 0 15	15 17 39
	AUG. .	17 21 49	18 0 24		AUG. .	14 12 59	14 10 21
	SEPT. .	16 10 33	16 10 4		SEPT. .	13 1 43	13 3 43
	OCT. .	15 23 17	15 20 11		OCT. .	12 14 27	12 20 44
	NOV. .	14 12 1	14 7 2		NOV. .	11 3 11	11 12 29
	DEC. .	14 0 45	13 18 44		DEC. .	10 15 55	11 2 22

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean .. New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1454. G. April. <i>d. h. m.</i> 3 22 15		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1451. C. April. <i>d. h. m.</i> 3 15 41		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	9 4 39	9 14 13		JAN. .	5 19 49	6 1 16
	FEB. .	7 17 23	8 0 9		FEB. .	4 8 23	4 18 58
	MAR. .	9 6 8	9 8 39		MAR. .	5 21 18	6 10 27
	APRIL	7 18 52	7 16 22		APRIL	4 10 2	4 22 46
	MAY .	7 7 36	7 0 16		MAY .	3 22 46	4 8 25
	JUNE .	5 20 20	5 9 25		JUNE .	2 11 30	2 16 16
	JULY .	5 9 4	4 20 46		JULY .	2 0 14	1 23 25
	AUG. .	3 21 48	3 10 51		JULY .	31 12 58	31 6 56
	SEPT. .	2 10 32	2 3 30		AUG. .	30 1 42	29 15 44
	OCT. .	1 23 16	1 21 56		SEPT. .	28 14 26	28 2 33
	OCT. .	31 12 0	31 16 45		OCT. .	28 3 10	27 15 47
	NOV. .	30 0 44	30 10 40		NOV. .	26 15 54	26 7 24
	DEC. .	29 13 28	30 2 4		DEC. .	26 4 38	26 0 51
1453. F.E. 3 4 4	JAN. .	23 2 12	23 14 55	1450. B. 3 21 30	JAN. .	24 17 22	24 19 4
	FEB. .	26 14 56	27 1 9		FEB. .	23 6 6	23 12 49
	MAR. .	27 3 41	27 9 23		MAR. .	24 18 51	25 4 56
	APRIL	25 16 25	25 16 24		APRIL	23 7 35	23 18 39
	MAY .	25 5 9	24 23 18		MAY .	22 20 19	23 5 56
	JUNE .	23 17 53	23 7 11		JUNE .	21 9 3	21 15 19
	JULY .	23 6 37	22 17 6		JULY .	20 21 47	20 23 41
	AUG. .	21 19 21	21 5 53		AUG. .	19 10 31	19 8 4
	SEPT. .	20 8 5	19 21 44		SEPT. .	17 23 15	17 17 13
	OCT. .	19 20 49	19 16 5		OCT. .	17 11 59	17 3 43
	NOV. .	18 9 33	18 11 37		NOV. .	16 0 43	15 15 47
	DEC. .	17 22 17	18 6 40		DEC. .	15 13 27	15 5 31
1452. D. 3 9 53	JAN. .	16 11 1	16 23 42	1449. A.G. 3 3 19	JAN. .	14 2 11	13 20 42
	FEB. .	14 23 45	15 13 47		FEB. .	12 14 55	12 12 56
	MAR. .	16 12 29	17 0 51		MAR. .	13 3 39	13 5 35
	APRIL	15 1 13	15 9 25		APRIL	11 16 23	11 21 42
	MAY .	14 13 57	14 16 30		MAY .	11 5 7	11 12 34
	JUNE .	13 2 41	12 23 9		JUNE .	9 17 51	10 1 42
	JULY .	12 15 25	12 6 28		JULY .	9 6 35	9 13 11
	AUG. .	11 4 9	10 15 31		AUG. .	7 19 19	7 23 30
	SEPT. .	9 16 53	9 3 8		SEPT. .	6 8 3	6 9 21
	OCT. .	9 5 37	8 17 42		OCT. .	5 20 47	5 19 24
	NOV. .	7 13 21	7 11 1		NOV. .	4 9 31	4 5 58
	DEC. .	7 7 5	7 6 2		DEC. .	3 22 15	3 17 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1448. F. April. <i>d. h. m.</i> 8 9 8	JAN. .	{ 2 10 59	2 5 10	B.C. 1445. C.B. April. <i>d. h. m.</i> 3 2 35	JAN. .	29 14 53	29 23 37
	FEB. .	{ 31 23 43	31 17 55		FEB. .	28 3 37	28 8 34
	MAR. .	... ..	...		MAR. .	28 16 22	28 16 24
	APRIL	2 12 28	{ 2 7 39		APRIL	27 5 6	26 23 56
			{ 31 22 19		MAY .	26 17 50	26 8 13
	APRIL	{ 1 1 12	30 13 38		JUNE .	25 6 34	24 18 18
	MAY .	{ 30 13 56	30 13 38		JULY .	24 19 18	24 7 1
	JUNE .	30 2 40	30 5 0		AUG. .	23 8 2	22 22 32
	JULY .	28 15 24	28 19 49		SEPT. .	21 20 46	21 16 22
	AUG. .	28 4 8	28 9 40		OCT. .	21 9 30	21 11 19
	SEPT. .	26 16 52	26 22 26		NOV. .	19 22 14	20 5 55
	OCT. .	25 5 36	25 10 20		DEC. .	19 10 58	19 22 45
	NOV. .	24 18 20	24 21 42				
1447. E. 8 14 57	DEC. .	23 7 4	23 8 43	1444. A. 8 8 23	JAN. .	17 23 42	18 12 58
	JAN. .	22 19 48	22 19 26		FEB. .	16 12 26	17 0 22
	JAN. .	21 8 32	21 5 57		MAR. .	18 1 10	18 9 22
	FEB. .	19 21 16	19 16 32		APRIL	16 13 54	16 16 45
	MAR. .	21 10 0	21 3 42		MAY .	16 2 33	15 23 30
	APRIL	19 22 44	19 16 0		JUNE .	14 15 22	14 6 43
	MAY .	19 11 23	19 5 46		JULY .	14 4 6	13 15 32
	JUNE .	18 0 12	17 20 51		AUG. .	12 16 50	12 2 51
	JULY .	17 12 56	17 12 45		SEPT. .	11 5 34	10 17 16
	AUG. .	16 1 40	16 4 42		OCT. .	10 13 18	10 10 34
	SEPT. .	14 14 24	14 20 3		NOV. .	9 7 2	9 5 46
	OCT. .	14 3 8	14 10 22		DEC. .	8 19 46	9 1 17
	NOV. .	12 15 52	12 23 26				
1446. D. 8 20 46	DEC. .	12 4 36	12 11 14	1443. G. 3 14 12	JAN. .	7 8 30	7 19 27
	JAN. .	10 17 20	10 21 46		FEB. .	5 21 14	6 11 1
	FEB. .	9 6 4	9 7 16		MAR. .	7 9 59	7 23 30
	MAR. .	10 18 49	10 16 10		APRIL	5 22 43	6 9 9
	APRIL	9 7 33	9 11 11		MAY .	5 11 27	5 16 49
	MAY .	8 20 17	8 11 15		JUNE .	4 0 11	3 23 33
	JUNE .	7 9 1	6 23 7		JULY .	3 12 53	3 6 23
	JULY .	6 21 45	6 13 12		AUG. .	{ 2 1 33	1 14 38
	AUG. .	5 10 29	5 5 19			{ 31 14 23	31 0 53
	SEPT. .	3 23 13	3 22 42		SEPT. .	30 3 7	29 14 7
	OCT. .	3 11 57	3 16 17		OCT. .	29 15 51	29 6 9
	NOV. .	2 0 41	2 8 59		NOV. .	28 4 35	28 0 24
	DEC. .	{ 1 13 25	2 0 0		DEC. .	27 17 19	27 19 38
		{ 31 2 9	31 12 52				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1442.	JAN. .	26 6 3	26 14 15	B.C. 1439.	JAN. .	22 21 13	22 15 33
F.	FEB. .	21 18 47	25 6 49	"	FEB. .	21 9 57	21 4 28
April.	MAR. .	26 7 32	26 20 36	April.	MAR. .	22 22 42	22 18 23
<i>d. h. m.</i>	APRIL	24 20 16	25 7 29	<i>d. h. m.</i>	APRIL	21 11 26	21 9 13
3 20 1	MAY .	24 9 0	24 16 9	3 13 27	MAY .	21 0 10	21 0 35
	JUNE .	22 21 44	22 23 37		JUNE .	19 12 54	19 15 50
	JULY .	22 10 28	22 6 58		JULY .	19 1 38	19 6 24
	AUG. .	20 23 12	20 15 10		AUG. .	17 14 22	17 19 58
	SEPT. .	19 11 56	19 1 4		SEPT. .	16 8 6	16 8 34
	OCT. .	19 0 40	18 13 7		OCT. .	15 15 50	15 20 24
	NOV. .	17 13 24	17 3 32		NOV. .	14 4 34	14 7 43
	DEC. .	17 2 8	16 20 0		DEC. .	13 17 18	13 18 35
1441.	JAN. .	15 14 52	15 13 47	1438.	JAN. .	12 6 2	12 5 2
E.D.	FEB. .	14 8 36	14 7 44	"	FEB. .	10 13 46	10 13 17
	MAR. .	14 16 20	15 0 37		MAR. .	12 7 30	12 1 43
3 1 50	APRIL	13 5 4	13 15 31	3 19 16	APRIL	10 20 14	10 13 13
	MAY .	12 17 48	13 4 1		MAY .	10 8 53	10 2 1
	JUNE .	11 6 32	11 14 22		JUNE .	8 21 42	8 16 26
	JULY .	10 19 16	10 23 19		JULY .	8 10 26	8 8 4
	AUG. .	9 8 0	9 7 49		AUG. .	6 23 10	7 0 18
	SEPT. .	7 20 44	7 16 41		SEPT. .	5 11 54	5 16 18
	OCT. .	7 9 28	7 2 37		OCT. .	5 0 38	5 7 28
	NOV. .	5 22 12	5 13 55		NOV. .	3 13 22	3 21 24
	DEC. .	5 10 56	5 2 45		DEC. .	3 2 6	3 9 56
1440.	JAN. .	3 23 40	3 17 1	1437.	JAN. .	1 14 50	1 21 2
C.	FEB. .	2 12 24	2 8 31	G.F.	FEB. .	31 3 34	31 6 51
	MAR. .	4 1 9	4 0 48		MAR. .	29 16 13	29 15 45
3 7 35	APRIL	2 13 53	2 17 6		APRIL	30 5 3	30 0 23
	MAY .	2 2 37	2 8 36	3 1 5	MAY .	28 17 47	28 9 37
	JUNE .	31 15 21	31 22 43		JUNE .	28 6 31	27 20 21
	JULY .	30 4 5	30 11 10		JULY .	26 19 15	26 9 16
	AUG. .	29 16 49	29 22 15		AUG. .	26 7 59	26 0 29
	SEPT. .	28 5 33	28 8 30		SEPT. .	24 20 43	24 17 32
	OCT. .	26 18 17	26 13 37		OCT. .	23 9 27	23 11 22
	NOV. .	26 7 1	26 5 4		NOV. .	22 22 11	23 4 53
	DEC. .	24 19 45	24 15 58		DEC. .	21 10 55	21 20 59
		24 8 29	24 3 26			20 23 39	21 11 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1436. E. April. <i>d. h. m.</i> 3 6 54		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1433. B.A. April. <i>d. h. m.</i> 3 0 20		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	19 12 23	19 22 44		JAN. .	17 3 33	17 8 56
	FEB. .	18 1 7	18 8 23		FEB. .	15 16 17	16 2 33
	MAR. .	19 13 52	19 16 31		MAR. .	16 5 1	16 17 40
	APRIL	18 2 36	17 23 55		APRIL	14 17 45	15 5 56
	MAY .	17 15 20	17 7 33		MAY .	14 6 29	14 15 38
	JUNE .	16 4 4	15 16 33		JUNE .	12 19 13	12 23 40
	JULY .	15 16 48	15 3 52		JULY .	12 7 57	12 7 5
	AUG. .	14 5 32	13 18 4		AUG. .	10 20 41	10 14 55
	SEPT. .	12 18 16	12 10 53		SEPT. .	9 9 25	9 0 2
	OCT. .	12 7 0	12 5 41		OCT. .	8 22 9	8 11 3
	NOV. .	10 19 44	11 0 47		NOV. .	7 10 53	7 0 18
	DEC. .	10 8 23	10 18 44		DEC. .	6 23 37	6 15 41
1435. D. 3 12 43	JAN. .	8 21 12	9 10 20	1432. G. 3 6 9	JAN. .	5 12 21	5 8 44
	FEB. .	7 9 56	7 23 3		FEB. .	4 1 5	4 2 30
	MAR. .	8 22 40	9 9 4		MAR. .	5 13 50	5 19 53
	APRIL	7 11 24	7 17 1		APRIL	4 2 34	4 11 46
	MAY .	7 0 8	6 23 52		MAY .	3 15 18	4 1 28
	JUNE .	5 12 52	5 6 42		JUNE .	2 4 2	2 12 57
	JULY .	5 1 36	4 14 35		JULY .	1 16 46	1 22 39
	AUG. .	3 14 20	3 0 36		JULY .	31 5 30	31 7 27
	SEPT. .	2 3 4	1 13 32		AUG. .	29 18 14	29 16 17
	OCT. .	1 15 43	1 5 31		SEPT. .	28 6 58	28 1 49
	OCT. .	31 4 32	31 0 0		OCT. .	27 19 42	27 12 31
	NOV. .	29 17 16	29 19 34		NOV. .	26 8 26	26 0 32
	DEC. .	29 6 0	29 14 35		DEC. .	25 21 10	25 13 56
1434. C. 3 18 31	JAN. .	27 18 44	28 7 31	1431. F. 3 11 53	JAN. .	24 9 54	24 4 35
	FEB. .	26 7 28	26 21 27		FEB. .	22 22 38	22 20 14
	MAR. .	27 20 13	28 8 23		MAR. .	24 11 23	24 12 23
	APRIL	26 8 57	26 16 52		APRIL	23 0 7	23 4 15
	MAY .	25 21 41	25 23 56		MAY .	22 12 51	22 19 8
	JUNE .	24 10 25	24 6 41		JUNE .	21 1 35	21 8 34
	JULY .	23 23 9	23 14 12		JULY .	20 14 19	20 20 31
	AUG. .	22 11 53	21 23 28		AUG. .	19 3 3	19 7 23
	SEPT. .	21 0 37	20 11 15		SEPT. .	17 15 47	17 17 46
	OCT. .	20 13 21	20 1 54		OCT. .	17 4 31	17 4 13
	NOV. .	19 2 5	18 19 8		NOV. .	15 17 15	15 14 57
	DEC. .	18 14 49	18 13 57		DEC. .	15 5 59	15 2 4

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1430. E. April. <i>d. h. m.</i> 3 17 47	JAN. .	<i>d. h. m.</i> 13 18 43	<i>d. h. m.</i> 13 13 37	B.C. 1427. A. April. <i>d. h. m.</i> 3 11 13	JAN. .	<i>d. h. m.</i> 10 9 53	<i>d. h. m.</i> 10 21 25
	FEB. .	12 7 27	12 1 48		FEB. .	8 22 37	9 7 56
	MAR. .	13 20 11	13 14 55		MAR. .	10 11 21	10 16 33
	APRIL	12 8 55	12 5 2		APRIL	9 0 5	9 0 2
	MAY .	11 21 39	11 20 4		MAY .	8 12 49	8 7 17
	JUNE .	10 10 23	10 11 28		JUNE .	7 1 33	6 15 24
	JULY .	9 23 7	10 2 38		JULY .	6 14 17	6 1 25
	AUG. .	8 11 51	8 16 59		AUG. .	5 3 1	4 14 12
	SEPT. .	7 0 35	7 6 22		SEPT. .	3 15 45	3 5 55
	OCT. .	6 13 19	6 18 49		OCT. .	3 4 29	3 0 1
	NOV. .	5 2 3	5 6 33		NOV. .	1 17 13	1 19 16
	DEC. .	4 14 47	4 17 41		DEC. .	{ 1 5 57 30 18 41	{ 1 14 4 31 6 59
1429. D.C.	JAN. .	3 3 31	3 4 14	1426. G.	JAN. .	29 7 25	29 21 6
	FEB. .	1 16 16	1 14 19		FEB. .	27 20 9	28 8 18
	MAR. .	{ 2 5 0 31 17 44	{ 2 0 23 31 10 59		MAR. .	29 8 54	29 17 5
2 23 36	APRIL	30 6 23	29 22 49	3 17 2	APRIL	27 21 38	28 0 16
	MAY .	29 19 12	29 12 18		MAY .	27 10 22	27 6 55
	JUNE .	28 7 56	28 3 24		JUNE .	25 23 6	25 14 10
	JULY .	27 20 40	27 19 36		JULY .	25 11 50	24 23 3
	AUG. .	26 9 24	26 12 4		AUG. .	24 0 34	23 10 32
	SEPT. .	24 22 8	25 4 1		SEPT. .	22 13 18	22 1 6
	OCT. .	24 10 52	24 18 51		OCT. .	22 2 2	21 18 30
	NOV. .	22 23 36	23 8 15		NOV. .	20 14 46	20 13 44
	DEC. .	22 12 20	22 20 4		DEC. .	20 3 30	20 9 13
1428. B.	JAN. .	21 1 4	21 6 23	1425. F.E.	JAN. .	18 16 14	19 8 17
	FEB. .	19 13 43	19 15 29		FEB. .	17 4 58	17 18 42
	MAR. .	21 2 33	20 23 56		MAR. .	17 17 43	18 7 2
3 5 21	APRIL	19 15 17	19 8 31	2 22 51	APRIL	16 6 27	16 16 35
	MAY .	19 4 1	18 18 13		MAY .	15 19 11	16 0 13
	JUNE .	17 16 45	17 5 55		JUNE .	14 7 55	14 7 2
	JULY .	17 5 29	16 20 2		JULY .	13 20 39	13 14 7
	AUG. .	15 18 13	15 12 23		AUG. .	12 9 23	11 22 31
	SEPT. .	14 6 57	14 6 10		SEPT. .	10 22 7	10 9 5
	OCT. .	13 19 41	14 0 15		OCT. .	10 10 51	9 22 22
	NOV. .	12 8 25	12 17 21		NOV. .	8 23 35	8 14 22
	DEC. .	11 21 9	12 8 34		DEC. .	8 12 19	8 8 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1424.	JAN. .	7 1 3	7 3 24	1421.	JAN. .	4 16 12	4 12 4
D.	FEB. .	5 13 47	5 21 42	A.G.	FEB. .	3 4 56	2 23 39
April.	MAR. .	7 2 31	7 14 3	April.	MAR. .	3 17 41	3 11 59
<i>d. h. m.</i>	APRIL	5 15 15	6 3 41	<i>d. h. m.</i>	APRIL	2 6 25	2 1 19
3 4 40	MAY .	5 3 59	5 14 37	2 22 6	MAY .	{ 1 19 9	1 15 45
	JUNE .	3 16 43	3 23 26			{ 31 7 53	31 6 58
	JULY .	3 5 27	3 7 9		JUNE .	29 20 37	29 22 26
	AUG. .	{ 1 18 11	1 14 50		JULY .	29 9 21	29 18 29
		{ 31 6 55	30 23 24		AUG. .	27 22 5	28 3 39
	SEPT. .	29 19 39	29 9 33		SEPT. .	26 10 49	26 16 51
	OCT. .	29 8 23	28 21 43		OCT. .	25 23 33	26 5 10
	NOV. .	27 21 7	27 11 59		NOV. .	24 12 17	24 16 40
	DEC. .	27 9 51	27 4 6		DEC. .	24 1 1	24 3 26
1423.	JAN. .	25 22 35	25 21 24	1420.	JAN. .	22 13 45	22 18 38
C.	FEB. .	24 11 19	24 14 52	F.	FEB. .	21 2 29	20 23 19
	MAR. .	26 0 4	26 7 27		MAR. .	22 15 14	22 9 18
3 10 29	APRIL	24 12 48	24 22 16	3 3 55	APRIL	21 3 58	20 20 12
	MAY .	24 1 32	24 10 55		MAY .	20 16 42	20 8 41
	JUNE .	22 14 16	22 21 34		JUNE .	19 5 26	18 22 58
	JULY .	22 3 0	22 6 56		JULY .	18 18 10	18 14 48
	AUG. .	20 15 44	20 15 53		AUG. .	17 6 54	17 7 26
	SEPT. .	19 4 23	19 1 13		SEPT. .	15 19 33	16 0 2
	OCT. .	18 17 12	18 11 26		OCT. .	15 8 22	15 15 45
	NOV. .	17 5 56	16 22 47		NOV. .	13 21 6	14 6 5
	DEC. .	16 18 40	16 11 22		DEC. .	13 9 50	13 18 44
1422.	JAN. .	15 7 24	15 1 10	1419.	JAN. .	11 22 34	12 5 42
B.	FEB. .	13 20 8	13 16 5	E.	FEB. .	10 11 18	10 15 18
	MAR. .	15 8 52	15 7 45		MAR. .	12 0 2	11 23 41
3 16 17	APRIL	13 21 36	13 23 41	3 9 44	APRIL	10 12 46	10 7 52
	MAY .	13 10 20	13 15 6		MAY .	10 1 30	9 16 43
	JUNE .	11 23 4	12 5 23		JUNE .	8 14 14	8 3 14
	JULY .	11 11 48	11 18 17		JULY .	8 2 58	7 16 5
	AUG. .	10 0 32	10 5 53		AUG. .	6 15 42	6 7 27
	SEPT. .	8 13 16	8 16 44		SEPT. .	5 4 26	5 0 50
	OCT. .	8 2 0	8 3 19		OCT. .	4 17 10	4 19 3
	NOV. .	6 14 44	6 14 0		NOV. .	3 5 54	3 13 3
	DEC. .	6 3 28	6 0 55		DEC. .	2 13 38	3 5 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1418. D.	JAN. .	{ 1 7 22	1 19 31	B.C. 1415. G.	JAN. .	27 11 16	27 16 27
	FEB. .	{ 30 20 6	31 7 5		FEB. .	26 0 0	26 9 46
	MAR. .	...	...	April. <i>d. h. m.</i>	MAR. .	27 12 45	28 0 45
April. <i>d. h. m.</i>	APRIL	{ 1 8 51	1 16 28	3 8 59	APRIL	26 1 29	26 13 0
3 15 33	MAY .	{ 30 21 35	31 0 16		MAY .	25 14 13	25 22 50
	JUNE .	29 10 19	29 7 21		JUNE .	24 2 57	24 7 5
	JULY .	28 23 3	28 14 49		JULY .	23 15 41	23 14 50
	AUG. .	27 11 47	26 23 43		AUG. .	22 4 25	21 23 3
	SEPT. .	27 0 31	26 11 4		SEPT. .	20 17 9	20 8 31
	OCT. .	25 13 15	25 1 25		OCT. .	20 5 53	19 19 43
	NOV. .	24 1 59	23 18 33		NOV. .	18 18 37	18 8 54
	DEC. .	23 14 43	23 13 31		DEC. .	18 7 21	17 23 59
		22 3 27	22 8 51				
		21 16 11	22 2 54	1414. F.	JAN. .	16 20 5	16 16 33
1417. C.B.	JAN. .	20 4 55	20 13 27		FEB. .	15 8 49	15 9 49
	FEB. .	18 17 39	19 7 1		MAR. .	16 21 34	17 2 47
	MAR. .	19 6 24	19 16 49	3 14 43	APRIL	15 10 18	15 18 28
2 21 22	APRIL	17 19 8	18 0 35		MAY .	14 23 2	15 8 15
	MAY .	17 7 52	17 7 19		JUNE .	13 11 46	13 19 58
	JUNE .	15 20 36	15 14 7		JULY .	13 0 30	13 6 6
	JULY .	15 9 20	14 22 6		AUG. .	11 13 14	11 15 23
	AUG. .	13 22 4	13 8 17		SEPT. .	10 1 58	10 0 40
	SEPT. .	12 10 48	11 21 22		OCT. .	9 14 42	9 10 34
	OCT. .	11 23 32	11 13 29		NOV. .	8 3 26	7 21 24
	NOV. .	10 12 16	10 7 59		DEC. .	7 16 10	7 9 18
	DEC. .	10 1 0	10 3 33				
1416. A.	JAN. .	8 13 44	8 22 6	1413. E.D.	JAN. .	6 4 54	5 22 17
	FEB. .	7 2 28	7 15 11		FEB. .	4 17 38	4 12 22
	MAR. .	8 15 12	9 4 59	2 20 37	MAR. .	5 6 22	5 3 27
3 3 10	APRIL	7 3 56	7 15 48		APRIL	3 19 6	3 19 4
	MAY .	6 16 40	7 0 14		MAY .	3 7 50	3 10 44
	JUNE .	5 5 24	5 7 22		JUNE .	1 20 34	2 1 42
	JULY .	4 18 8	4 14 16		JULY .	{ 1 9 18	1 15 29
	AUG. .	3 6 52	2 22 1			{ 30 22 2	31 3 57
	SEPT. .	1 19 36	{ 1 7 33		AUG. .	29 10 46	29 15 23
			{ 30 19 31		SEPT. .	27 23 30	28 2 19
	OCT. .	{ 1 8 20	30 10 11		OCT. .	27 12 14	27 13 5
		{ 30 21 4			NOV. .	26 0 58	25 23 55
	NOV. .	29 9 43	29 3 16		DEC. .	25 13 42	25 10 50
	DEC. .	28 22 32	28 21 49				

JERUSALEM CIVIL TIME

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1412. c. April. d. h. m. 3 2 25		d. h. m.	d. h. m.	B.C. 1409. G.F. April. d. h. m. 2 19 52		d. h. m.	d. h. m.
	JAN. .	24 2 26	23 21 58		JAN. .	21 17 36	22 5 48
	FEB. .	22 15 10	22 9 33		FEB. .	20 6 20	20 16 5
	MAR. .	24 3 55	23 22 4		MAR. .	20 19 5	21 0 26
	APRIL	22 16 39	22 11 44		APRIL	19 7 49	19 7 37
	MAY .	22 5 23	22 2 32		MAY .	18 20 33	18 14 38
	JUNE .	20 18 7	20 18 0		JUNE .	17 9 17	16 22 38
	JULY .	20 6 51	20 9 30		JULY .	16 22 1	16 8 42
	AUG. .	18 19 35	19 0 25		AUG. .	15 10 45	14 21 34
	SEPT. .	17 8 19	17 14 25		SEPT. .	13 23 29	13 13 27
	OCT. .	16 21 3	17 3 25		OCT. .	13 12 13	13 7 47
	NOV. .	15 9 47	15 15 27		NOV. .	12 0 57	12 3 15
	DEC. .	14 22 31	15 2 36		DEC. .	11 13 41	11 22 10
1411. B. 3 8 14	JAN. .	13 11 15	13 12 54	1408. E. 3 1 41	JAN. .	10 2 25	10 15 4
	FEB. .	11 23 59	11 22 34		FEB. .	8 15 9	9 5 5
	MAR. .	13 12 44	13 8 5		MAR. .	10 3 53	10 16 6
	APRIL	12 1 23	11 18 11		APRIL	8 16 37	9 0 41
	MAY .	11 14 12	11 5 38		MAY .	8 5 21	8 7 43
	JUNE .	10 2 56	9 18 55		JUNE .	6 18 5	6 14 21
	JULY .	9 15 40	9 10 4		JULY .	6 6 49	5 21 39
	AUG. .	8 4 24	8 2 34		AUG. .	4 19 33	4 6 43
	SEPT. .	6 17 8	6 19 33		SEPT. .	3 8 17	2 18 21
	OCT. .	6 5 52	6 12 5		OCT. .	2 21 1	2 9 2
	NOV. .	4 18 36	5 3 23		NOV. .	1 9 45	1 2 30
	DEC. .	4 7 20	4 17 0		NOV. .	30 22 29	30 21 43
					DEC. .	30 11 13	30 17 4
1410. A. 3 14 3	JAN. .	2 20 4	3 4 47	1407. D. 3 7 30	JAN. .	28 23 57	29 10 57
	FEB. .	1 8 48	1 14 51		FEB. .	27 12 41	28 2 12
	MAR. .	2 21 32	2 23 34		MAR. .	29 1 26	29 14 24
	APRIL	1 10 16	1 7 35		APRIL	27 14 10	27 23 55
	MAY .	30 23 0	30 15 47		MAY .	27 2 54	27 7 36
	JUNE .	30 11 44	30 1 12		JUNE .	25 15 38	25 14 38
	JULY .	29 0 28	28 12 47		JULY .	25 4 22	24 21 58
	AUG. .	28 13 12	28 2 58		AUG. .	23 17 6	23 6 34
	SEPT. .	27 1 56	26 19 33		SEPT. .	22 5 50	21 17 22
	OCT. .	25 14 40	25 13 45		OCT. .	21 18 34	21 6 43
	NOV. .	25 3 24	25 8 14		NOV. .	20 7 18	19 22 37
	DEC. .	23 16 8	24 1 41		DEC. .	19 20 2	19 16 26
	DEC. .	23 4 52	23 17 2				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1406. C. April. <i>d. h. m.</i> 3 13 18	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 18 8 46 16 21 30 18 10 15 16 22 59 16 11 43 15 0 27 14 13 11 13 1 55 11 14 39 11 8 23 9 16 7 9 4 51	<i>d. h. m.</i> 18 11 1 17 4 59 18 21 7 17 10 41 16 21 43 15 6 45 14 14 48 12 22 52 11 7 48 10 18 13 9 6 23 8 20 27	B.C. 1403. F. April. <i>d. h. m.</i> 3 6 45	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 14 23 56 13 12 40 15 1 25 13 14 9 13 2 53 11 15 37 11 4 21 9 17 5 8 5 49 7 18 33 6 7 17 5 20 1	<i>d. h. m.</i> 14 20 38 13 7 41 14 19 23 13 8 10 12 22 17 11 13 27 11 5 8 9 20 40 8 11 27 8 1 15 6 13 57 6 1 36
1405. B.A. 2 19 7	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	7 17 35 6 6 19 6 19 3 5 7 47 4 20 31 3 9 15 2 21 59 { 1 10 43 30 23 27 29 12 11 29 0 55 27 13 39 27 2 23	7 12 7 6 4 53 6 21 52 5 14 10 5 4 56 3 17 46 3 4 48 1 14 39 31 0 5 29 9 50 28 20 17 27 7 38 26 19 55	1402. E. 3 12 34	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	4 8 45 2 21 29 4 10 13 2 22 57 2 11 41 { 1 0 25 30 13 9 30 1 53 23 14 37 27 3 21 26 16 5 25 4 49 24 17 33	4 12 14 2 21 59 4 7 15 2 16 43 2 3 10 31 15 21 30 5 35 29 21 37 28 14 42 27 7 49 27 0 4 25 14 44 25 3 28
1404. G. 3 0 56	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	25 15 7 24 3 51 25 16 36 24 5 20 23 18 4 22 6 48 21 19 32 20 8 16 18 21 0 18 9 44 16 22 28 16 11 12	25 9 11 23 23 29 25 14 38 24 6 14 23 21 36 22 12 7 22 1 23 20 13 40 19 1 5 18 12 6 16 22 59 16 9 48	1401. D.C. 2 18 23	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	23 6 18 21 19 2 22 7 46 20 20 30 20 9 14 18 21 53 18 10 42 16 23 26 15 12 10 15 0 54 13 13 38 13 2 22	23 14 17 21 23 25 22 7 29 20 15 17 19 23 51 18 10 10 17 23 2 16 14 35 15 8 17 15 2 59 13 21 17 13 13 52

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1400. B. April. <i>d. h. m.</i> 8 0 11		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1397. F.E. April. <i>d. h. m.</i> 2 17 38		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	11 15 6	12 3 56		JAN. .	9 6 16	9 5 36
	FEB. .	10 3 50	10 15 18		FEB. .	7 19 0	7 23 50
	MAR. .	11 16 35	12 0 24		MAR. .	8 7 45	8 16 52
	APRIL	10 5 19	10 7 54		APRIL	6 20 29	7 7 42
	MAY .	9 18 3	9 14 47		MAY .	6 9 13	6 19 59
	JUNE .	8 6 47	7 22 8		JUNE .	4 21 57	5 6 0
	JULY .	7 19 31	7 7 1		JULY .	4 10 41	4 14 36
	AUG. .	6 8 15	5 18 28		AUG. .	2 23 25	2 22 44
	SEPT. .	4 20 59	4 8 56		SEPT. .	1 12 9	1 7 20
	OCT. .	4 9 43	4 2 16		OCT. .	{ 1 0 53 30 13 37	30 17 6
	NOV. .	2 22 27	2 21 27				30 4 27
	DEC. .	{ 2 11 11 31 23 55	2 16 54		NOV. .	29 2 21	28 17 30
					DEC. .	28 15 5	28 8 13
1399. A.	JAN. .	30 12 39	{ 1 10 58 31 2 26	1396. D.	JAN. .	27 3 49	27 0 15
	FEB. .	...	...		FEB. .	25 16 33	25 16 59
	MAR. .	{ 1 1 23 30 14 7	1 14 49		MAR. .	27 5 17	27 9 34
3 6 0	APRIL	29 2 51	29 8 3	2 23 27	APRIL	25 18 1	26 1 6
	MAY .	23 15 35	23 14 45		MAY .	25 6 45	25 14 57
	JUNE .	27 4 19	26 21 33		JUNE .	23 19 29	24 3 1
	JULY .	26 17 3	26 5 45		JULY .	23 8 13	23 13 36
	AUG. .	25 5 47	24 16 6		AUG. .	21 20 57	21 23 24
	SEPT. .	23 18 31	23 5 19		SEPT. .	20 9 41	20 9 8
	OCT. .	23 7 15	22 21 31		OCT. .	19 22 25	19 19 22
	NOV. .	21 19 59	21 15 59		NOV. .	18 11 9	18 6 18
	DEC. .	21 8 43	21 11 25		DEC. .	17 23 53	17 18 1
1398. E.	JAN. .	19 21 28	20 6 8	1395. C.	JAN. .	16 12 33	16 6 34
	FEB. .	18 10 12	18 22 42		FEB. .	15 1 22	14 20 3
	MAR. .	19 22 56	20 12 21		MAR. .	16 14 6	16 10 30
3 11 49	APRIL	18 11 40	18 23 5	3 5 16	APRIL	15 2 50	15 1 43
	MAY .	18 0 24	18 7 35		MAY .	14 15 34	14 17 12
	JUNE .	16 13 8	16 14 50		JUNE .	13 4 18	13 8 17
	JULY .	16 1 52	15 21 59		JULY .	12 17 2	12 22 26
	AUG. .	14 14 36	14 6 2		AUG. .	11 5 46	11 11 29
	SEPT. .	13 3 20	12 15 49		SEPT. .	9 18 30	9 23 31
	OCT. .	12 16 4	12 3 56		OCT. .	9 7 14	9 10 56
	NOV. .	11 4 43	10 18 34		NOV. .	7 19 58	7 22 1
	DEC. .	10 17 32	10 11 25		DEC. .	7 8 42	7 8 53

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1394.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1391.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	5 21 26	5 19 34	E.	JAN. .	2 12 36	3 1 24
April.	FEB. .	4 10 10	4 6 12	April.	FEB. .	1 1 20	1 14 3
<i>d. h. m.</i>	MAR. .	5 22 54	5 17 13	<i>d. h. m.</i>	MAR. .	2 14 4	3 0 6
3 11 4	APRIL	4 11 38	4 5 8	3 4 31	APRIL	{ 1 2 48	1 8 7
	MAY .	4 0 22	3 18 23			{ 30 15 32	30 15 6
	JUNE .	2 13 6	2 8 59		MAY .	30 4 16	29 22 0
	JULY .	{ 2 1 50	2 0 33		JUNE .	28 17 0	28 5 59
		{ 31 14 34	31 16 27		JULY .	28 5 44	27 16 5
	AUG. .	30 3 18	30 7 57		AUG. .	26 18 28	26 5 5
	SEPT. .	28 16 2	28 22 34		SEPT. .	25 7 12	24 21 9
	OCT. .	28 4 46	28 12 3		OCT. .	24 19 56	24 15 39
	NOV. .	26 17 30	27 0 20		NOV. .	23 8 40	23 11 13
	DEC. .	26 6 14	26 11 26		DEC. .	22 21 24	23 6 11
1393.	JAN. .	24 18 59	24 21 28	1390.	JAN. .	21 10 8	21 23 1
A.G.	FEB. .	23 7 43	23 6 42	D.	FEB. .	19 22 52	20 12 53
	MAR. .	23 20 27	23 15 42		MAR. .	21 11 37	21 23 44
2 16 53	APRIL	22 9 11	22 1 19	3 10 20	APRIL	20 0 21	20 8 11
	MAY .	21 21 55	21 12 25		MAY .	19 13 5	19 15 11
	JUNE .	20 10 39	20 1 33		JUNE .	18 1 49	17 21 52
	JULY .	19 23 23	19 16 43		JULY .	17 14 33	17 5 18
	AUG. .	18 12 7	18 9 39		AUG. .	16 3 17	15 14 32
	SEPT. .	17 0 51	17 3 9		SEPT. .	14 16 1	14 2 22
	OCT. .	16 18 35	16 20 11		OCT. .	14 4 45	13 17 9
	NOV. .	15 2 19	15 11 54		NOV. .	12 17 29	12 10 35
	DEC. .	14 15 3	15 1 41		DEC. .	12 6 13	12 5 39
1392.	JAN. .	13 3 47	13 13 23	1389.	JAN. .	10 18 58	11 0 43
F.	FEB. .	11 16 31	11 23 9	C.B.	FEB. .	9 7 42	9 18 29
	MAR. .	13 5 16	13 7 30		MAR. .	9 20 26	10 9 34
2 22 42	APRIL	11 18 0	11 15 8	2 16 9	APRIL	8 9 10	8 21 41
	MAY .	11 6 44	10 23 2		MAY .	7 21 54	8 7 11
	JUNE .	9 19 28	9 8 16		JUNE .	6 10 38	6 15 0
	JULY .	9 8 12	8 19 47		JULY .	5 23 22	5 22 10
	AUG. .	7 20 56	7 10 2		AUG. .	4 12 6	4 5 49
	SEPT. .	6 9 40	6 2 55		SEPT. .	3 0 50	2 14 47
	OCT. .	5 22 24	5 21 28		OCT. .	2 13 34	{ 2 1 43
	NOV. .	4 11 8	4 16 19				{ 31 15 11
	DEC. .	3 23 52	4 9 59		NOV. .	{ 1 2 18	
						{ 30 15 2	30 6 55
					DEC. .	30 3 46	30 0 22

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1388. A. April. <i>d. h. m.</i> 2 21 57		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1385. E.D. April. <i>d. h. m.</i> 2 15 24		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	28 16 30	28 18 31		JAN. .	26 7 40	26 5 4
	FEB. .	27 5 14	27 12 7		FEB. .	24 20 24	24 15 34
	MAR. .	28 17 58	29 4 2		MAR. .	25 9 8	25 2 40
	APRIL	27 6 42	27 17 35		APRIL	23 21 52	23 14 59
	MAY .	26 19 26	27 4 45		MAY .	23 10 36	23 4 47
	JUNE .	25 8 10	25 14 6		JUNE .	21 23 20	21 19 57
	JULY .	24 20 54	24 22 32		JULY .	21 12 4	21 11 55
	AUG. .	23 9 38	23 7 0		AUG. .	20 0 48	20 3 58
	SEPT. .	21 22 22	21 16 18		SEPT. .	18 18 32	18 19 22
	OCT. .	21 11 6	21 2 56		OCT. .	18 2 16	18 9 42
	NOV. .	19 23 50	19 15 7		NOV. .	16 15 0	16 22 46
	DEC. .	19 12 34	19 4 52		DEC. .	16 3 44	16 10 28
1387. G.	JAN. .	18 1 19	17 20 4	1384. C.	JAN. .	14 16 28	14 20 54
	FEB. .	16 14 3	16 12 15		FEB. .	13 5 12	13 6 15
	MAR. .	18 2 47	18 4 47		MAR. .	14 17 57	14 15 3
3 3 46	APRIL	16 15 31	16 20 48	2 21 13	APRIL	13 6 41	13 0 2
	MAY .	16 4 15	16 11 33		MAY .	12 19 25	12 10 7
	JUNE .	14 16 59	15 0 39		JUNE .	11 8 9	10 22 5
	JULY .	14 5 43	14 12 6		JULY .	10 20 53	10 12 19
	AUG. .	12 18 27	12 22 29		AUG. .	9 9 37	9 4 35
	SEPT. .	11 7 11	11 8 25		SEPT. .	7 22 21	7 22 6
	OCT. .	10 19 55	10 18 34		OCT. .	7 11 5	7 15 46
	NOV. .	9 8 39	9 5 13		NOV. .	5 23 49	6 8 27
	DEC. .	8 21 23	8 16 30		DEC. .	5 12 33	5 23 21
1386. F.	JAN. .	7 10 7	7 4 25	1383. B.	JAN. .	4 1 18	4 12 6
	FEB. .	5 22 51	5 17 7		FEB. .	2 14 2	2 22 41
	MAR. .	7 11 36	7 6 49		MAR. .	4 2 46	4 7 29
3 9 35	APRIL	6 0 20	5 21 26	3 3 2	APRIL	2 15 30	2 15 11
	MAY .	5 13 4	5 12 42		MAY .	2 4 14	1 22 40
	JUNE .	4 1 48	4 4 4			31 16 58	31 7 0
	JULY .	3 14 32	3 18 54		JUNE .	30 5 42	29 17 14
	AUG. .	2 3 16	2 8 45		JULY .	29 18 26	29 6 8
		31 16 0	31 21 34		AUG. .	28 7 10	27 21 52
	SEPT. .	30 4 44	30 9 32		SEPT. .	26 19 54	26 15 52
	OCT. .	29 17 28	29 20 57		OCT. .	26 8 33	26 10 54
	NOV. .	28 6 12	28 7 58		NOV. .	24 21 22	25 5 28
	DEC. .	27 18 56	27 18 38		DEC. .	24 10 3	24 22 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1382.	JAN. .	22 22 50	23 12 11	B.C. 1379.	JAN. .	19 14 0	19 13 15
A.	FEB. .	21 11 34	21 23 22	D.	FEB. .	18 2 44	18 7 5
April.	MAR. .	23 0 18	23 8 11	April.	MAR. .	19 15 28	19 23 48
<i>d. h. m.</i>	APRIL	21 13 2	21 15 28	<i>d. h. m.</i>	APRIL	18 4 12	18 14 32
3 8 50	MAY .	21 1 46	20 22 11	3 2 17	MAY .	17 16 56	18 2 54
	JUNE .	19 14 30	19 5 29		JUNE .	16 5 40	16 13 12
	JULY .	19 3 14	18 14 26		JULY .	15 18 24	15 22 10
	AUG. .	17 15 58	17 2 0		AUG. .	14 7 8	14 6 43
	SEPT. .	16 4 42	15 16 37		SEPT. .	12 19 52	12 15 45
	OCT. .	15 17 26	15 10 6		OCT. .	12 8 36	12 1 49
	NOV. .	14 6 10	14 5 24		NOV. .	10 21 20	10 13 14
	DEC. .	13 18 54	14 0 52		DEC. .	10 10 4	10 2 7
1381.	JAN. .	12 7 39	12 18 54	1378.	JAN. .	8 22 43	8 16 23
G.F.	FEB. .	10 20 23	11 10 14	C.	FEB. .	7 11 32	7 7 50
	MAR. .	11 9 7	11 22 29		MAR. .	9 0 17	9 0 2
2 14 39	APRIL	9 21 51	10 7 57	3 8 6	APRIL	7 13 1	7 16 13
	MAY .	9 10 35	9 15 30		MAY .	7 1 45	7 7 39
	JUNE .	7 23 19	7 22 14		JUNE .	5 14 29	5 21 41
	JULY .	7 12 3	7 5 14		JULY .	5 3 13	5 10 7
	AUG. .	6 0 47	5 13 33		AUG. .	3 15 57	3 21 13
	SEPT. .	4 13 31	4 0 6		SEPT. .	2 4 41	2 7 31
	OCT. .	4 2 15	3 13 23		OCT. .	{ 1 17 25	1 17 43
	NOV. .	2 14 59	2 5 39			{ 31 6 9	31 4 13
	DEC. .	{ 2 3 43	2 0 1		NOV. .	29 18 53	29 15 15
		{ 31 16 27	31 19 12		DEC. .	29 7 37	29 2 41
1380.	JAN. .	30 5 11	30 13 39	1377.	JAN. .	27 20 21	27 14 44
E.	FEB. .	23 17 55	...	B.A.	FEB. .	26 9 5	26 3 36
	MAR. .	30 6 39	{ 1 6 2		MAR. .	26 21 49	26 17 23
2 20 28	APRIL	28 19 23	{ 30 19 34	2 13 55	APRIL	25 10 33	25 8 16
	MAY .	28 8 7	28 14 53		MAY .	24 23 17	24 23 36
	JUNE .	26 20 51	26 22 21		JUNE .	23 12 1	23 14 52
	JULY .	26 9 35	26 5 47		JULY .	23 0 45	23 5 29
	AUG. .	24 22 19	24 14 9		AUG. .	21 13 29	21 19 6
	SEPT. .	23 11 3	23 0 12		SEPT. .	20 2 13	20 7 46
	OCT. .	22 23 47	22 12 26		OCT. .	19 14 57	19 19 39
	NOV. .	21 12 31	21 2 53		NOV. .	18 3 41	18 6 53
	DEC. .	21 1 15	20 19 29		DEC. .	17 16 25	17 17 47

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1376. G. April. <i>d. h. m.</i> 2 19 43	*	<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1373. D.C. April. <i>d. h. m.</i> 2 13 10		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 5 9	16 4 9		JAN. .	13 20 20	14 9 39
	FEB. .	14 17 53	14 14 18		FEB. .	12 9 4	12 22 9
	MAR. .	16 6 38	16 0 46		MAR. .	12 21 48	13 7 57
	APRIL	14 19 22	14 12 9		APRIL	11 10 32	11 15 46
	MAY .	14 8 6	14 1 1		MAY .	10 23 16	10 22 34
	JUNE .	12 20 50	12 15 29		JUNE .	9 12 0	9 5 25
	JULY .	12 9 34	12 7 13		JULY .	9 0 44	8 13 26
	AUG. .	10 22 18	10 23 33		AUG. .	7 13 28	6 23 39
	SEPT. .	9 11 2	9 15 37		SEPT. .	6 2 12	5 12 48
	OCT. .	8 23 46	9 6 50		OCT. .	5 14 56	5 5 0
	NOV. .	7 12 30	7 20 44		NOV. .	4 3 40	3 23 35
	DEC. .	7 1 14	7 9 13		DEC. .	3 16 24	3 19 12
1375. F. 3 1 32	JAN. .	5 13 59	5 20 14	1372. B. 2 18 59	JAN. .	{ 2 5 8 31 17 52	2 14 5
	FEB. .	4 2 43	4 5 54		FEB. .	...	1 6 49
	MAR. .	5 15 27	5 14 41		MAR. .	{ 2 6 37 31 19 21	2 20 33
	APRIL	4 4 11	3 23 14		APRIL	30 8 5	{ 1 7 15 30 15 36
	MAY .	3 16 55	3 8 27		MAY .	29 20 49	29 22 37
	JUNE .	2 5 39	1 19 16		JUNE .	28 9 33	28 5 25
	JULY .	{ 1 18 23 31 7 7	1 8 13 30 23 42		JULY .	27 22 17	27 13 3
	AUG. .	29 19 51	29 16 54		AUG. .	26 11 1	25 22 31
	SEPT. .	28 8 35	28 10 52		SEPT. .	24 23 45	24 10 32
	OCT. .	27 21 19	28 4 23		OCT. .	24 12 29	24 1 21
	NOV. .	26 10 3	26 20 26		NOV. .	23 1 13	22 18 43
	DEC. .	25 22 47	26 10 18		DEC. .	22 13 57	22 13 32
1374. E. 3 7 21	JAN. .	24 11 31	24 21 51	1371. A. 3 0 43	JAN. .	21 2 41	21 8 25
	FEB. .	23 0 15	23 7 20		FEB. .	19 15 25	20 1 50
	MAR. .	24 12 59	24 15 18		MAR. .	21 4 9	21 16 45
	APRIL	23 1 43	22 22 37		APRIL	19 16 53	20 4 49
	MAY .	22 14 27	22 6 17		MAY .	19 5 37	19 14 24
	JUNE .	21 3 11	20 15 23		JUNE .	17 18 21	17 22 24
	JULY .	20 15 55	20 2 53		JULY .	17 7 5	17 5 51
	AUG. .	19 4 39	18 17 17		AUG. .	15 19 49	15 13 50
	SEPT. .	17 17 23	17 10 23		SEPT. .	14 8 33	13 28 7
	OCT. .	17 6 7	17 5 15		OCT. .	13 21 17	13 10 19
	NOV. .	15 13 51	16 0 22		NOV. .	12 10 1	11 23 42
	DEC. .	15 7 35	15 18 14		DEC. .	11 22 45	11 15 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1370. G. April. <i>d. h. m.</i> 3 6 36	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 10 11 29 9 0 13 10 12 58 9 1 42 8 14 26 7 3 10 6 15 54 5 4 33 3 17 22 3 6 6 1 18 50 { 1 7 34 30 20 18	<i>d. h. m.</i> 10 8 13 9 1 53 10 19 7 9 10 50 9 0 26 7 11 47 6 21 30 5 6 22 3 15 17 3 0 59 { 1 11 46 30 23 52 30 13 16	B.C. 1367. G. April. <i>d. h. m.</i> 3 0 3	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 7 2 40 5 15 24 7 4 8 5 16 52 5 5 36 3 18 20 3 7 4 { 1 19 48 31 8 32 29 21 16 29 10 0 27 22 44 27 11 28	<i>d. h. m.</i> 7 3 23 5 13 23 6 23 21 5 9 54 4 21 46 3 11 20 3 2 33 1 18 50 31 11 23 30 3 23 29 18 13 28 7 34 27 19 15
1369. F.E. 2 12 25	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	29 9 2 27 21 46 28 10 31 26 23 15 26 11 59 25 0 43 24 13 27 23 2 11 21 14 55 21 3 39 19 16 23 19 5 7	29 3 53 27 19 29 28 11 33 27 3 20 26 18 8 25 7 32 24 19 30 23 6 26 21 16 55 21 3 25 19 14 13 19 1 18	1366. B. 3 5 52	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	26 0 12 24 12 56 26 1 40 24 14 24 24 3 8 22 15 52 22 4 36 20 17 20 19 6 4 18 18 48 17 7 32 16 20 16	26 5 26 24 14 25 25 22 45 24 7 18 23 17 4 22 4 53 21 19 10 20 11 41 19 5 37 18 23 44 17 16 49 17 7 54
1368. D. 2 13 14	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	17 17 51 16 6 35 17 19 19 16 8 3 15 20 47 14 9 31 13 22 15 12 10 59 10 23 43 10 12 27 9 1 11 8 13 55	17 12 49 16 0 57 17 14 0 16 4 7 15 19 8 14 10 33 14 1 43 12 16 8 11 5 33 10 18 4 9 5 49 8 16 54	1365. A.G. 2 11 41	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	15 9 0 13 21 44 14 10 29 12 23 13 12 11 57 11 0 41 10 13 25 9 2 9 7 14 53 7 3 37 5 16 21 5 5 5	15 20 34 14 6 55 14 15 25 12 22 47 12 6 1 10 14 12 10 0 23 8 13 21 7 5 17 6 23 33 5 18 52 5 13 37

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1364. F. April. <i>d. h. m.</i> 2 17 29		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1361. C.B. April. <i>d. h. m.</i> 2 10 56		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	3 17 49	4 6 22		JAN. .	{ 1 8 59 30 21 43	1 8 84 30 20 47
	FEB. .	2 6 33	2 20 16		FEB. .	29 10 28	29 14 11
	MAR. .	3 19 18	4 7 17		MAR. .	29 23 12	30 6 37
	APRIL	2 8 2	2 15 53		APRIL	28 11 56	28 21 16
	MAY .	{ 1 20 46 31 9 30	1 22 59 31 5 37		MAY .	28 0 40	28 9 48
	JUNE .	29 22 14	29 12 56		JUNE .	26 13 24	26 20 25
	JULY .	29 10 58	28 22 0		JULY .	26 2 8	26 5 50
	AUG. .	27 23 42	27 9 42		AUG. .	24 14 52	24 14 52
	SEPT. .	26 12 26	26 0 29		SEPT. .	23 3 36	23 0 18
	OCT. .	26 1 10	25 18 3		OCT. .	22 16 20	22 10 38
	NOV. .	24 13 54	24 13 22		NOV. .	21 5 4	20 22 5
	DEC. .	24 2 38	24 8 47		DEC. .	20 17 48	20 10 41
1363. E. 2 23 13	JAN. .	22 15 22	23 2 41	1360. A. 2 16 45	JAN. .	19 6 32	19 0 28
	FEB. .	21 4 6	21 17 52		FEB. .	17 19 16	17 15 19
	MAR. .	22 16 50	23 5 53		MAR. .	19 8 0	19 6 57
	APRIL	21 5 34	21 15 21		APRIL	17 20 44	17 22 47
	MAY .	20 18 18	20 22 54		MAY .	17 9 28	17 14 9
	JUNE .	19 7 2	19 5 43		JUNE .	15 22 12	16 4 24
	JULY .	18 19 46	18 12 55		JULY .	15 10 56	15 17 16
	AUG. .	17 8 30	16 21 29		AUG. .	13 23 40	14 4 55
	SEPT. .	15 21 14	15 8 15		SEPT. .	12 12 24	12 15 50
	OCT. .	15 9 58	14 21 43		OCT. .	12 1 8	12 2 30
	NOV. .	13 22 42	13 13 52		NOV. .	10 13 52	10 13 15
	DEC. .	13 11 26	13 8 1		DEC. .	10 2 36	10 0 9
1362. D. 3 5 7	JAN. .	12 0 10	12 2 54	1359. G. 2 22 34	JAN. .	8 15 21	8 11 17
	FEB. .	10 12 54	10 21 2		FEB. .	7 4 5	6 22 43
	MAR. .	12 1 39	12 13 13		MAR. .	8 16 49	8 11 3
	APRIL	10 14 23	11 2 40		APRIL	7 5 33	7 0 22
	MAY .	10 3 7	10 13 26		MAY .	6 18 17	6 14 43
	JUNE .	8 15 51	8 22 12		JUNE .	5 7 1	5 6 4
	JULY .	8 4 35	8 5 56		JULY .	4 19 45	4 21 33
	AUG. .	6 17 19	6 13 42		AUG. .	3 8 29	3 12 33
	SEPT. .	5 6 3	4 22 26		SEPT. .	1 21 13	2 2 52
	OCT. .	4 18 47	4 8 45		OCT. .	{ 1 9 57 30 22 41	1 16 7 31 4 26
	NOV. .	3 7 31	2 21 3		NOV. .	29 11 25	29 15 55
	DEC. .	2 20 15	2 11 25		DEC. .	29 0 9	29 2 37

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1358. F. April. <i>d. h. m.</i> 3 4 23		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1355. B. April. <i>d. h. m.</i> 2 21 49		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	27 12 53	27 12 39		JAN. .	24 4 4	24 17 45
	FEB. .	26 1 37	25 22 18		FEB. .	22 16 48	23 6 5
	MAR. .	27 14 22	27 8 13		MAR. .	24 5 32	24 15 41
	APRIL	26 3 6	25 19 8		APRIL	22 18 16	22 23 19
	MAY .	25 15 50	25 7 40		MAY .	22 7 0	22 6 0
	JUNE .	24 4 34	23 22 3		JUNE .	20 19 44	20 12 52
	JULY .	23 17 18	23 14 0		JULY .	20 8 28	19 20 58
	AUG. .	22 6 2	22 6 45		AUG. .	18 21 12	18 7 21
	SEPT. .	20 18 46	20 28 24		SEPT. .	17 9 56	16 20 40
	OCT. .	20 7 30	20 15 9		OCT. .	16 22 40	16 12 58
	NOV. .	18 20 14	19 5 26		NOV. .	15 11 24	15 7 36
	DEC. .	18 8 58	18 18 0		DEC. .	15 0 8	15 3 8
1357. E.D. 2 10 11	JAN. .	16 21 42	17 4 51	1354. A. 3 3 38	JAN. .	13 12 52	13 21 54
	FEB. .	15 10 26	15 14 11		FEB. .	12 1 36	12 14 27
	MAR. .	15 23 10	15 22 33		MAR. .	13 14 20	14 4 2
	APRIL	14 11 54	14 6 40		APRIL	12 3 4	12 14 38
	MAY .	14 0 38	13 15 32		MAY .	11 15 48	11 22 58
	JUNE .	12 13 22	12 2 8		JUNE .	10 4 32	10 6 4
	JULY .	12 2 6	11 15 9		JULY .	9 17 16	9 13 2
	AUG. .	10 14 50	10 6 43		AUG. .	8 6 0	7 20 56
	SEPT. .	9 3 34	9 0 15		SEPT. .	6 18 44	6 6 39
	OCT. .	8 16 18	8 13 39		OCT. .	6 7 28	5 18 48
	NOV. .	7 5 2	7 12 35		NOV. .	4 20 12	4 9 39
	DEC. .	6 17 46	7 4 53		DEC. .	4 8 56	4 2 49
1356. C. 2 16 0	JAN. .	5 6 30	5 18 47	1353. G.F. 2 9 27	JAN. .	2 21 40	2 21 21
	FEB. .	3 19 14	4 6 11		FEB. .	1 10 24	1 15 52
	MAR. .	5 7 59	5 15 22		MAR. .	{ 1 28 9 31 11 53	2 9 1 31 23 48
	APRIL	3 20 43	3 23 2		APRIL	30 0 37	30 11 53
	MAY .	3 9 27	3 6 5		MAY .	29 13 21	29 21 36
	JUNE .	1 22 11	{ 1 13 33 30 22 36		JUNE .	28 2 5	28 5 51
	JULY .	{ 1 10 55 30 23 39	30 10 9		JULY .	27 14 49	27 13 41
	AUG. .	29 12 23	29 0 42		AUG. .	26 3 33	25 22 2
	SEPT. .	28 1 7	27 18 2		SEPT. .	24 16 17	24 7 39
	OCT. .	27 13 51	27 13 7		OCT. .	24 5 1	23 18 59
	NOV. .	26 2 35	26 8 28		NOV. .	22 17 45	22 8 18
	DEC. .	25 15 19	26 2 23		DEC. .	22 6 29	21 23 25

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1352. E. April. <i>d. h. m.</i> 2 15 15		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1349. B.A. April. <i>d. h. m.</i> 2 8 42		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	20 19 13	20 15 58		JAN. .	18 10 23	18 12 1
	FEB. .	19 7 57	19 9 8		FEB. .	16 23 7	16 21 34
	MAR. .	20 20 41	21 1 57		MAR. .	17 11 51	17 7 0
	APRIL	19 9 25	19 17 30		APRIL	16 0 35	15 17 4
	MAY .	18 22 9	19 7 10		MAY .	15 13 19	15 4 33
	JUNE .	17 10 53	17 18 51		JUNE .	14 2 3	13 17 56
	JULY .	16 23 37	17 4 58		JULY .	13 14 47	13 9 13
	AUG. .	15 12 21	15 14 19		AUG. .	12 3 31	12 1 50
	SEPT. .	14 1 5	13 23 43		SEPT. .	10 16 15	10 18 55
	OCT. .	13 13 49	13 9 44		OCT. .	10 4 59	10 11 29
	NOV. .	12 2 33	11 20 39		NOV. .	8 17 43	9 2 45
	DEC. .	11 15 17	11 8 35		DEC. .	8 6 27	8 16 18
1351. D. 2 21 4	JAN. .	10 4 2	9 21 35	1348. G. 2 14 31	JAN. .	6 19 11	7 3 56
	FEB. .	8 16 46	8 11 37		FEB. .	5 7 56	5 13 52
	MAR. .	10 5 30	10 2 37		MAR. .	6 20 40	6 22 27
	APRIL	8 18 14	8 18 12		APRIL	5 9 24	5 6 22
	MAY .	8 6 58	8 9 47		MAY .	4 22 8	4 14 34
	JUNE .	6 19 42	7 0 43		JUNE .	3 10 52	3 0 5
	JULY .	6 8 26	6 14 28		JULY .	2 23 36	2 11 47
	AUG. .	4 21 10	5 2 58		AUG. .	1 12 20	1 2 9
	SEPT. .	3 9 54	3 14 29			31 1 4	30 18 56
	OCT. .	2 22 38	3 1 29		SEPT. .	29 13 48	29 13 15
	NOV. .	1 11 22	1 12 19		OCT. .	29 2 32	29 7 47
			30 23 10		NOV. .	27 15 16	28 1 10
	DEC. .	1 0 6			DEC. .	27 4 0	27 16 23
		30 12 50	30 10 2				
1350. C. 3 2 53	JAN. .	29 1 34	28 21 6	1347. F. 2 20 20	JAN. .	25 16 45	26 4 53
	FEB. .	27 14 18	27 8 38		FEB. .	24 5 29	24 15 3
	MAR. .	29 3 3	28 21 6		MAR. .	25 18 13	25 23 14
	APRIL	27 15 47	27 10 46		APRIL	24 6 57	24 6 20
	MAY .	27 4 31	27 1 36		MAY .	23 19 41	23 13 22
	JUNE .	25 17 15	25 17 6		JUNE .	22 8 25	21 21 28
	JULY .	25 5 59	25 8 39		JULY .	21 21 9	21 7 40
	AUG. .	23 18 43	23 23 37		AUG. .	20 9 53	19 20 46
	SEPT. .	22 7 27	22 13 40		SEPT. .	18 22 37	18 12 53
	OCT. .	21 20 11	22 2 43		OCT. .	18 11 21	18 7 21
	NOV. .	20 8 55	20 14 43		NOV. .	17 0 5	17 2 52
	DEC. .	19 21 39	20 1 43		DEC. .	16 12 49	16 21 43

JERUSALEM CIVIL TIME.

Mean ernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
3.C. 346. E. April. h. m. 2 8	JAN. .	15 1 33	15 14 26	B.C. 1343. A. April. d. h. m. 2 19 35	JAN. .	11 16 43	11 11 32
	FEB. .	13 14 17	14 4 13		FEB. .	10 5 27	10 4 13
	MAR. .	15 3 1	15 15 1		MAR. .	11 18 11	11 21 6
	APRIL	13 15 45	13 23 27		APRIL	10 6 55	10 13 16
	MAY .	13 4 29	13 6 25		MAY .	9 19 39	10 3 56
	JUNE .	11 17 13	11 13 4		JUNE .	8 8 23	8 16 41
	JULY .	11 5 57	10 20 23		JULY .	7 21 7	8 3 42
	AUG. .	9 18 41	9 5 42		AUG. .	6 9 51	6 13 35
	SEPT. .	8 7 25	7 17 33		SEPT. .	4 22 35	4 23 8
	OCT. .	7 20 9	7 8 27		OCT. .	4 11 19	4 8 59
	NOV. .	6 8 53	6 2 5		NOV. .	3 0 3	2 19 31
	DEC. .	5 21 37	5 21 19		DEC. .	2 12 47	{ 2 6 55 31 19 12
1345. D.C. 2 7 57	JAN. .	4 10 22	4 16 36	1342. G. 3 1 24	JAN. .	{ 1 1 31 30 14 15	30 8 26
	FEB. .	2 23 6	3 10 19		FEB. .	...	23 22 41
	MAR. .	3 11 50	4 1 21		MAR. .	{ 1 3 0 30 15 44	30 13 46
	APRIL	2 0 34	2 13 20		APRIL	29 4 28	29 5 19
	MAY .	{ 1 13 18 31 2 2	1 22 41 31 6 18		MAY .	23 17 12	23 20 38
	JUNE .	29 14 46	29 13 18		JUNE .	27 5 56	27 11 9
	JULY .	29 3 30	23 20 44		JULY .	26 13 40	27 0 31
	AUG. .	27 16 14	27 5 36		AUG. .	25 7 24	25 12 46
	SEPT. .	26 4 58	25 16 35		SEPT. .	23 20 8	24 0 15
	OCT. .	25 17 42	25 6 7		OCT. .	23 8 52	23 11 19
	NOV. .	24 6 26	23 22 8		NOV. .	21 21 36	21 22 13
	DEC. .	23 19 10	23 15 59		DEC. .	21 10 20	21 9 1
1344. B. 2 13 46	JAN. .	22 7 54	22 10 28	1341. F.E. 2 7 13	JAN. .	19 23 5	19 19 47
	FEB. .	20 20 33	21 4 17		FEB. .	18 11 49	18 6 46
	MAR. .	22 9 23	22 20 15		MAR. .	19 0 33	18 18 24
	APRIL	20 22 7	21 9 39		APRIL	17 13 17	17 7 12
	MAY .	20 10 51	20 20 32		MAY .	17 2 1	16 21 19
	JUNE .	18 23 35	19 5 32		JUNE .	15 14 45	15 12 32
	JULY .	18 12 19	18 13 37		JULY .	15 3 29	15 4 18
	AUG. .	17 1 3	16 21 43		AUG. .	13 16 13	13 19 52
	SEPT. .	15 13 47	15 6 52		SEPT. .	12 4 57	12 10 44
	OCT. .	15 2 31	14 17 26		OCT. .	11 17 41	12 0 33
	NOV. .	13 15 15	13 5 44		NOV. .	10 6 25	10 13 15
	DEC. .	13 3 59	12 19 51		DEC. .	9 19 9	10 0 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1346. E. April. <i>d. h. m.</i> 8 2 8	JAN. .	15 1 33	15 14 26	B.C. 1343. A. April. <i>d. h. m.</i> 2 19 35	JAN. .	11 16 43	11 11 32
	FEB. .	13 14 17	14 4 13		FEB. .	10 5 27	10 4 13
	MAR. .	15 3 1	15 15 1		MAR. .	11 18 11	11 21 6
	APRIL	13 15 45	13 23 27		APRIL	10 6 55	10 13 16
	MAY .	13 4 29	13 6 25		MAY .	9 19 39	10 3 56
	JUNE .	11 17 13	11 13 4		JUNE .	8 8 23	8 16 41
	JULY .	11 5 57	10 20 28		JULY .	7 21 7	8 3 42
	AUG. .	9 18 41	9 5 42		AUG. .	6 9 51	6 13 35
	SEPT. .	8 7 25	7 17 33		SEPT. .	4 22 35	4 23 8
	OCT. .	7 20 9	7 8 27		OCT. .	4 11 19	4 8 59
	NOV. .	6 8 53	6 2 5		NOV. .	3 0 3	2 19 31
	DEC. .	5 21 37	5 21 19		DEC. .	2 12 47	{ 2 6 55 31 19 12
1345. D.C. 2 7 57	JAN. .	4 10 22	4 16 36	1342. G. 3 1 24	JAN. .	{ 1 1 31 30 14 15	30 8 26
	FEB. .	2 23 6	3 10 19		FEB. .	...	28 22 41
	MAR. .	3 11 50	4 1 21		MAR. .	{ 1 3 0 30 15 44	30 13 46
	APRIL	2 0 34	2 13 20		APRIL	29 4 28	29 5 19
	MAY .	{ 1 13 18 31 2 2	1 22 41 31 6 18		MAY .	23 17 12	23 20 38
	JUNE .	29 14 46	29 13 18		JUNE .	27 5 56	27 11 9
	JULY .	29 3 30	28 20 44		JULY .	26 18 40	27 0 31
	AUG. .	27 16 14	27 5 36		AUG. .	25 7 24	25 12 46
	SEPT. .	26 4 58	25 16 35		SEPT. .	23 20 8	24 0 15
	OCT. .	25 17 42	25 6 7		OCT. .	23 8 52	23 11 19
	NOV. .	24 6 26	23 22 8		NOV. .	21 21 36	21 22 13
	DEC. .	23 19 10	23 15 59		DEC. .	21 10 20	21 9 1
1344. H. 2 13 46	JAN. .	22 7 54	22 10 28	1341. F.E. 2 7 13	JAN. .	19 23 5	19 19 47
	FEB. .	20 20 38	21 4 17		FEB. .	18 11 49	18 6 46
	MAR. .	22 9 23	22 20 15		MAR. .	19 0 33	18 18 24
	APRIL	20 22 7	21 9 39		APRIL	17 13 17	17 7 12
	MAY .	20 10 51	20 20 32		MAY .	17 2 1	16 21 19
	JUNE .	18 23 35	19 5 32		JUNE .	15 14 45	15 12 32
	JULY .	18 12 19	18 13 37		JULY .	15 3 29	15 4 18
	AUG. .	17 1 3	16 21 48		AUG. .	13 16 13	13 19 52
	SEPT. .	15 13 47	15 6 52		SEPT. .	12 4 57	12 10 44
	OCT. .	15 2 31	14 17 26		OCT. .	11 17 41	12 0 33
	NOV. .	13 15 15	13 5 44		NOV. .	10 6 25	10 13 15
	DEC. .	13 3 59	12 19 51		DEC. .	9 19 9	10 0 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1340. D. April. <i>d. h. m.</i> 2 13 1	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 8 7 53 6 20 37 8 9 21 6 22 5 6 10 49 4 23 33 4 12 17 3 1 1 1 13 45 { 1 2 29 30 15 13 29 3 57 28 16 41	<i>d. h. m.</i> 8 11 23 6 21 1 8 6 11 6 15 34 6 2 3 4 14 19 4 4 42 2 20 52 1 14 4 1 7 15 30 23 30 29 14 6 29 2 42	B.C. 1337. A-G. April. <i>d. h. m.</i> 2 6 27	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 5 23 3 4 11 47 5 0 31 3 13 15 3 1 59 1 14 43 { 1 3 27 30 16 11 29 4 55 27 17 39 27 6 23 25 19 7 25 7 51	<i>d. h. m.</i> 6 10 24 5 1 39 5 13 50 3 23 16 3 6 46 { 1 13 26 30 20 23 30 4 40 23 15 13 27 4 39 26 21 2 25 15 36 25 10 59
1339. C. 2 18 50	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	27 5 25 25 18 9 27 6 54 25 19 33 25 8 22 23 21 6 23 9 50 21 22 34 20 11 18 20 0 2 18 12 46 18 1 30	27 13 20 25 22 20 27 6 19 25 14 4 24 22 39 23 9 6 22 22 8 21 13 53 20 7 45 20 2 33 18 20 49 18 13 17	1336. F. 2 12 16	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	23 20 35 22 9 19 23 22 4 22 10 43 21 23 32 20 12 16 20 1 0 18 13 44 17 2 23 16 15 12 15 3 56 14 16 40	24 5 32 22 21 54 24 11 22 22 21 55 22 6 18 20 13 34 19 20 47 18 4 58 16 14 57 16 3 15 14 18 2 14 10 57
1338. B. 3 0 39	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	16 14 14 15 2 58 16 15 42 15 4 26 14 17 10 13 5 54 12 18 38 11 7 22 9 20 6 9 8 50 7 21 34 7 10 18	17 3 9 15 14 21 16 23 15 15 6 38 14 13 28 12 20 51 12 5 54 10 17 33 9 8 15 9 1 47 7 21 3 7 16 23	1335. E. 2 13 5	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	13 5 24 11 18 8 13 6 52 11 19 36 11 8 20 9 21 4 9 9 48 7 22 32 6 11 16 6 0 0 4 12 44 4 1 28	13 5 4 11 23 17 13 16 3 12 6 43 11 18 5 10 4 43 9 13 2 7 21 3 6 6 2 5 16 1 4 3 4 3 16 5

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
1334.				1331.			
D.				g.			
April.				April.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
				2 17 20			
2 23 54							
	JAN. .	2 14 12	{ 2 7 36 81 23 36	JAN. .	28 18 7	28 20 33	
	FEB. .	1 2 56	...	FEB. .	27 6 51	27 5 38	
	MAR. .	2 15 41	2 16 15	MAR. .	28 19 35	28 14 34	
	APRIL	{ 1 4 25 80 17 9	1 8 43	APRIL	27 8 19	27 0 11	
	MAY .	80 5 53	{ 1 0 8 80 13 55	MAY .	26 21 3	26 11 21	
	JUNE .	28 18 37	29 1 55	JUNE .	25 9 47	25 0 36	
	JULY .	28 7 21	28 12 32	JULY .	24 22 31	24 16 0	
	AUG. .	26 20 5	26 22 25	AUG. .	23 11 15	23 8 59	
	SEPT. .	25 8 49	25 8 16	SEPT. .	21 23 59	22 2 35	
	OCT. .	24 21 33	24 18 35	OCT. .	21 12 43	21 19 39	
	NOV. .	23 10 17	23 5 34	NOV. .	20 1 27	20 11 18	
	DEC. .	22 28 1	22 17 17	DEC. .	19 14 11	20 0 59	
1333.				1330.			
C.B.				F.			
	JAN. .	21 11 46	21 5 48	JAN. .	18 2 55	18 12 32	
	FEB. .	20 0 30	19 19 14	FEB. .	16 15 39	16 22 8	
	MAR. .	20 18 14	20 9 38	MAR. .	18 4 24	18 6 20	
2 5 43	APRIL	19 1 58	19 0 49	2 23 9	APRIL	16 17 8	16 13 54
	MAY .	18 14 42	18 16 16	MAY .	16 5 52	15 21 48	
	JUNE .	17 3 26	17 7 20	JUNE .	14 18 36	14 7 8	
	JULY .	16 16 10	16 21 30	JULY .	14 7 20	13 18 43	
	AUG. .	15 4 54	15 10 34	AUG. .	12 20 4	12 9 16	
	SEPT. .	13 17 38	13 22 41	SEPT. .	11 8 43	11 2 20	
	OCT. .	13 6 22	13 10 10	OCT. .	10 21 32	10 21 1	
	NOV. .	11 19 6	11 21 16	NOV. .	9 10 16	9 15 52	
	DEC. .	11 7 50	11 8 7	DEC. .	8 23 0	9 9 29	
1332.				1329.			
A.				E.D.			
	JAN. .	9 20 34	9 18 43	JAN. .	7 11 44	8 0 44	
	FEB. .	8 9 18	8 5 17	FEB. .	6 0 28	6 13 10	
	MAR. .	9 22 2	9 16 14	MAR. .	6 13 12	6 23 1	
2 11 32	APRIL	8 10 46	8 4 8	2 4 53	APRIL	5 1 56	5 6 54
	MAY .	7 23 30	7 17 23	MAY .	4 14 40	4 13 47	
	JUNE .	6 12 14	6 8 2	JUNE .	3 3 24	2 20 43	
	JULY .	6 0 58	5 23 41	JULY .	2 16 8	{ 2 4 48 31 15 6	
	AUG. .	4 13 42	4 15 40	AUG. .	{ 1 4 52 30 17 36	30 4 19	
	SEPT. .	3 2 26	3 7 13	SEPT. .	29 6 20	28 20 36	
	OCT. .	2 15 10	2 21 53	OCT. .	28 19 4	28 15 15	
	NOV. .	{ 1 3 54 30 16 38	1 11 22 30 23 37	NOV. .	27 7 43	27 10 50	
	DEC. .	30 5 22	30 10 37	DEC. .	26 20 32	27 5 42	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1328. c. April. d. h. m. 2 10 47		d. h. m.	d. h. m.	B.C. 1325. G.F. April. d. h. m. 2 4 13		d. h. m.	d. h. m.
	JAN. .	25 9 16	25 22 20		JAN. .	23 0 26	22 19 24
	FEB. .	23 22 0	24 11 58		FEB. .	21 13 10	21 11 30
	MAR. .	25 10 45	25 22 38		MAR. .	22 1 55	22 3 59
	APRIL	23 23 29	24 6 55		APRIL	20 14 39	20 19 53
	MAY .	23 12 13	23 13 52		MAY .	20 3 23	20 10 33
	JUNE .	22 0 57	21 20 34		JUNE .	18 16 7	18 23 35
	JULY .	21 13 41	21 4 9		JULY .	18 4 51	18 11 4
	AUG. .	20 2 25	19 13 34		AUG. .	16 17 35	16 21 29
	SEPT. .	18 15 9	18 1 36		SEPT. .	15 6 19	15 7 31
	OCT. .	18 3 53	17 16 35		OCT. .	14 19 3	14 17 46
	NOV. .	16 16 37	16 10 9		NOV. .	13 7 47	13 4 28
	DEC. .	16 5 21	16 5 14		DEC. .	12 20 31	12 15 46
1327. B.	JAN. .	14 18 6	15 0 18	1324. E.	JAN. .	11 9 15	11 8 38
	FEB. .	13 6 50	13 17 47		FEB. .	9 21 59	9 16 18
	MAR. .	14 19 34	15 8 40		MAR. .	11 10 43	11 5 55
2 16 36	APRIL	13 8 18	13 20 35	2 10 2	APRIL	9 23 27	9 20 30
	MAY .	12 21 2	13 5 57		MAY .	9 12 11	9 11 45
	JUNE .	11 9 46	11 13 43		JUNE .	8 0 55	8 3 7
	JULY .	10 22 30	10 20 57		JULY .	7 13 39	7 17 57
	AUG. .	9 11 14	9 4 42		AUG. .	6 2 23	6 7 50
	SEPT. .	7 23 58	7 13 50		SEPT. .	4 15 7	4 20 42
	OCT. .	7 12 42	7 1 2		OCT. .	4 3 51	4 8 44
	NOV. .	6 1 26	5 14 35		NOV. .	2 16 35	2 20 11
	DEC. .	5 14 10	5 6 23		DEC. .	2 5 19	2 7 12
						31 18 3	31 17 43
1326. A.	JAN. .	4 2 54	3 23 51	1323. D.	JAN. .	30 6 47	30 4 9
	FEB. .	2 15 38	2 17 55		FEB. .	23 19 32	23 14 34
	MAR. .	4 4 22	4 11 23		MAR. .	30 8 16	30 1 39
2 22 25	APRIL	2 17 6	3 3 8		APRIL	23 21 0	23 13 53
	MAY .	2 5 50	2 16 32	2 15 51	MAY .	23 9 44	23 3 49
		31 18 34	1 3 35		JUNE .	26 22 28	26 19 3
	JUNE .	30 7 18	30 12 54		JULY .	26 11 12	26 11 6
	JULY .	29 20 2	29 21 24		AUG. .	24 23 56	25 3 13
	AUG. .	28 8 46	28 6 0		SEPT. .	23 12 40	23 18 41
	SEPT. .	26 21 30	26 15 26		OCT. .	23 1 24	23 9 2
	OCT. .	26 10 14	26 2 11		NOV. .	21 14 8	21 22 4
	NOV. .	24 22 58	24 14 27		DEC. .	21 2 52	21 9 42
	DEC. .	24 11 42	24 4 14				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1322. c.				B.C. 1319. F.			
April. <i>d. h. m.</i> 2 21 40	JAN. .	19 15 36	19 20 1	April. <i>d. h. m.</i> 2 15 6	JAN. .	16 6 46	16 18 18
	FEB. .	18 4 21	18 5 16		FEB. .	14 19 30	15 9 25
	MAR. .	19 17 5	19 13 56		MAR. .	16 8 15	16 21 27
	APRIL	18 5 49	17 22 52		APRIL	14 20 59	15 6 45
	MAY .	17 13 33	17 9 0		MAY .	14 9 43	14 14 13
	JUNE .	16 7 17	15 21 4		JUNE .	12 22 27	12 20 56
	JULY .	15 20 1	15 11 26		JULY .	12 11 11	12 4 1
	AUG. .	14 8 45	14 3 52		AUG. .	10 23 55	10 12 30
	SEPT. .	12 21 29	12 21 31		SEPT. .	9 12 39	8 23 16
	OCT. .	12 10 13	12 15 14		OCT. .	9 1 23	8 12 50
	NOV. .	10 22 57	11 7 55		NOV. .	7 14 7	7 5 11
	DEC. .	10 11 41	10 22 44		DEC. .	7 2 51	6 23 36
1321. B.A.	JAN. .	9 0 25	9 11 18	1318. E.	JAN. .	5 15 35	5 13 44
	FEB. .	7 13 9	7 21 43		FEB. .	4 4 19	4 13 2
	MAR. .	8 1 53	8 6 21		MAR. .	5 17 3	6 5 13
2 3 29	APRIL	6 14 37	6 13 56	2 20 55	APRIL	4 5 47	4 13 32
	MAY .	6 3 21	5 21 24		MAY .	3 18 31	4 5 7
	JUNE .	4 16 5	4 5 43		JUNE .	2 7 15	2 13 37
	JULY .	4 4 49	3 16 10		JULY .	1 19 59	1 21 7
	AUG. .	2 17 33	{ 2 5 15 31 21 11		JULY .	{ 31 8 43	31 4 33
	SEPT. .	{ 1 6 17 30 19 1	30 15 21		AUG. .	29 21 27	29 13 8
	OCT. .	30 7 45	30 10 29		SEPT. .	23 10 11	27 23 23
	NOV. .	23 20 29	29 5 0		OCT. .	27 22 55	27 11 47
	DEC. .	23 9 13	23 21 33		NOV. .	26 11 39	26 2 25
					DEC. .	26 0 23	25 18 59
1320. G.	JAN. .	26 21 57	27 11 22	1317. D.C.	JAN. .	24 13 7	24 12 40
	FEB. .	25 10 41	25 22 20		FEB. .	23 1 51	23 6 23
	MAR. .	26 23 26	27 7 0		MAR. .	23 14 36	23 22 58
2 9 18	APRIL	25 12 10	25 14 11	2 2 44	APRIL	22 3 20	22 13 32
	MAY .	25 0 54	24 20 54		MAY .	21 16 4	22 1 47
	JUNE .	23 13 33	23 4 15		JUNE .	20 4 43	20 12 1
	JULY .	23 2 22	22 13 22		JULY .	19 17 32	19 21 1
	AUG. .	21 15 6	21 1 8		AUG. .	18 6 16	18 5 39
	SEPT. .	20 3 50	19 15 59		SEPT. .	16 19 0	16 14 49
	OCT. .	19 16 34	19 9 39		OCT. .	16 7 44	16 1 1
	NOV. .	18 5 18	18 5 1		NOV. .	14 20 23	14 12 32
	DEC. .	17 18 2	18 0 27		DEC. .	14 9 12	14 1 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1316. B. April. <i>d. h. m.</i> 2 8 33	JAN. .	<i>d. h. m.</i> 12 21 56	<i>d. h. m.</i> 12 15 43	B.C. 1313. F.E. April. <i>d. h. m.</i> 2 1 59	JAN. .	<i>d. h. m.</i> 10 13 6	<i>d. h. m.</i> 10 19 22
	FEB. .	11 10 41	11 7 9		FEB. .	9 1 50	9 4 54
	MAR. .	12 23 25	12 23 15		MAR. .	9 14 34	9 13 33
	APRIL	11 12 9	11 15 21		APRIL	8 3 18	7 22 2
	MAY .	11 0 53	11 6 41		MAY .	7 16 2	7 7 15
	JUNE .	9 13 37	9 20 40		JUNE .	6 4 46	5 18 9
	JULY .	9 2 21	9 9 5		JULY .	5 17 30	5 7 21
	AUG. .	7 15 5	7 20 12		AUG. .	4 6 14	3 22 55
	SEPT. .	6 3 49	6 6 38		SEPT. .	2 18 58	2 16 16
	OCT. .	5 16 33	5 16 57		OCT. .	2 7 42	2 10 18
	NOV. .	4 5 17	4 3 31		NOV. .	31 20 26	1 3 51
	DEC. .	3 18 1	3 14 30		DEC. .	30 9 10	30 19 49
						29 21 54	30 9 34
1315. A. 2 14 22	JAN. .	{ 2 6 45 31 19 29	2 1 56 31 13 54	1312. D. 2 7 43	JAN. .	28 10 38	28 20 56
	FEB. .	...	...		FEB. .	26 23 22	27 6 14
	MAR. .	{ 2 8 13 31 20 57	2 2 44 31 16 33		MAR. .	28 12 7	28 14 7
	APRIL	30 9 41	30 7 21		APRIL	27 0 51	26 21 21
	MAY .	29 22 25	29 22 41		MAY .	26 13 35	26 5 2
	JUNE .	28 11 9	28 13 57		JUNE .	25 2 19	24 14 15
	JULY .	27 23 53	28 4 36		JULY .	24 15 3	24 1 57
	AUG. .	26 12 37	26 18 16		AUG. .	23 3 47	22 16 33
	SEPT. .	25 1 21	25 6 59		SEPT. .	21 16 31	21 9 51
	OCT. .	24 14 5	24 18 54		OCT. .	21 5 15	21 4 49
	NOV. .	23 2 49	23 6 13		NOV. .	19 17 59	19 23 57
	DEC. .	22 15 33	22 16 59		DEC. .	19 6 43	19 17 42
1314. G. 2 20 11	JAN. .	21 4 17	21 3 16	1311. C. 2 13 37	JAN. .	17 19 27	18 8 55
	FEB. .	19 17 1	19 13 20		FEB. .	16 8 11	16 21 12
	MAR. .	21 5 46	20 23 43		MAR. .	17 20 56	18 6 49
	APRIL	19 18 30	19 11 6		APRIL	16 9 40	16 14 31
	MAY .	19 7 14	19 0 1		MAY .	15 22 24	15 21 15
	JUNE .	17 19 58	17 14 33		JUNE .	14 11 8	14 4 9
	JULY .	17 8 42	17 6 23		JULY .	13 23 52	13 12 16
	AUG. .	15 21 26	15 22 49		AUG. .	12 12 36	11 22 41
	SEPT. .	14 10 10	14 14 57		SEPT. .	11 1 20	10 12 4
	OCT. .	13 22 54	14 6 10		OCT. .	10 14 4	10 4 29
	NOV. .	12 11 38	12 20 5		NOV. .	9 2 48	8 23 12
	DEC. .	12 0 22	12 8 23		DEC. .	8 15 32	8 18 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1310. D. April. <i>d. h. m.</i> 2 19 26	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 7 4 16 5 17 0 7 5 44 5 18 28 5 7 12 3 19 56 3 8 40 { 1 21 24 31 10 8 29 22 52 29 11 36 28 0 20 27 13 4	<i>d. h. m.</i> 7 13 35 6 6 6 7 19 35 6 6 5 5 14 20 3 21 18 3 4 9 1 11 55 30 21 34 29 9 47 29 0 48 27 18 15 27 13 5	B.C. 1307. E. April. <i>d. h. m.</i> 2 12 52	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 3 19 26 2 8 10 3 20 54 2 9 38 { 1 22 22 31 11 6 29 23 50 29 12 34 28 1 18 26 14 2 26 2 46 24 15 30 24 4 14	<i>d. h. m.</i> 3 12 36 2 3 11 3 18 43 2 10 41 2 2 24 31 17 8 30 6 30 29 18 29 28 5 28 26 16 2 26 2 37 24 13 26 24 0 32
1309. A.G. 2 1 15	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	26 1 48 21 14 32 25 3 17 23 16 1 23 4 45 21 17 29 21 6 13 19 18 57 18 7 41 17 20 25 16 9 9 15 21 53	26 7 51 25 1 5 25 15 48 24 3 42 23 13 11 21 21 9 21 4 40 19 12 46 17 22 14 17 9 36 15 23 6 15 14 38	1306. D. 2 18 41	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	22 16 58 21 5 42 22 13 27 21 7 11 20 19 55 19 8 39 18 21 23 17 10 7 15 22 51 15 11 35 14 0 19 13 13 3	22 11 59 21 0 3 22 13 4 21 3 10 20 13 11 19 9 38 19 0 51 17 15 18 16 4 46 15 17 20 14 5 6 13 16 9
1308. F. 2 7 4	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	14 10 37 12 23 21 14 12 6 13 0 50 12 13 34 11 2 18 10 15 2 9 3 46 7 16 30 7 5 14 5 17 58 5 6 42	14 7 40 13 1 15 14 18 21 13 9 54 12 23 21 11 10 39 10 20 21 9 5 17 7 14 20 7 0 7 5 11 2 4 23 11	1305. C.B. 2 0 30	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	12 1 47 10 14 31 11 3 16 9 16 0 9 4 44 7 17 28 7 6 12 5 18 56 4 7 40 3 20 24 2 9 8 { 1 21 52 31 10 36	12 2 31 10 12 25 10 22 18 9 8 50 8 20 43 7 10 22 7 1 41 5 18 4 4 10 43 4 2 46 2 17 36 2 6 53 31 18 28

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1304. A. April. <i>d. h. m.</i> 2 6 19	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 29 23 20 28 12 4 30 0 48 28 13 32 28 2 16 26 15 0 26 3 44 24 16 28 23 5 12 22 17 56 21 6 40 20 19 24	<i>d. h. m.</i> 30 4 30 28 13 20 29 21 35 28 6 7 27 15 55 26 3 53 25 18 20 24 11 1 23 5 5 22 23 15 21 16 17 21 7 15	B.C. 1301. E.D. April. <i>d. h. m.</i> 1 23 45	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 27 14 30 26 3 14 26 15 58 25 4 42 24 17 26 23 6 10 22 18 54 21 7 38 19 20 22 19 9 6 17 21 50 17 10 34	<i>d. h. m.</i> 28 2 3 26 17 1 27 4 54 25 14 8 24 21 37 23 4 26 22 11 44 20 20 29 19 7 26 18 21 6 17 13 22 17 7 34
1303. G. 2 12 8	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	19 8 9 17 20 53 19 9 37 17 22 21 17 11 5 15 23 49 15 12 33 14 1 17 12 14 1 12 2 45 10 15 29 10 4 13	19 19 46 18 5 55 19 14 15 17 21 32 17 4 45 15 13 0 14 23 21 13 12 32 12 4 41 11 23 6 10 18 28 10 13 9	1300. C. 2 5 34	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	15 23 18 14 12 2 16 0 47 14 13 31 14 2 15 12 14 59 12 3 43 10 16 27 9 5 11 8 17 55 7 6 39 6 19 23	16 2 23 14 20 24 16 12 22 15 1 37 14 12 15 12 20 58 12 4 44 10 12 37 8 21 29 8 7 53 6 20 24 6 10 51
1302. F. 2 17 57	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	8 16 57 7 5 41 8 18 26 7 7 10 6 19 54 5 8 38 4 21 22 3 10 6 1 22 50 { 1 11 34 { 31 0 18 29 13 2 29 1 46	9 5 44 7 19 26 9 6 14 7 14 40 6 21 40 5 4 19 4 11 43 2 20 57 { 1 8 53 { 30 23 53 30 17 37 29 12 59 29 8 20	1299. B. 2 11 23	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	5 8 7 3 20 51 5 9 35 3 22 19 3 11 3 1 23 47 { 1 12 31 { 31 1 15 29 13 59 28 2 43 27 15 27 26 4 11 25 16 55	5 3 0 3 20 11 5 13 26 4 5 44 3 20 15 2 8 42 1 19 17 31 4 43 29 13 51 27 23 25 27 9 50 25 21 22 25 9 53

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1298. A. April. <i>d. h. m.</i> 2 17 12	JAN. .	24 5 39	23 23 44	B.C. 1295. D. April. <i>d. h. m.</i> 2 10 38	JAN. .	20 20 49	21 3 56
	FEB. .	22 18 23	22 14 32		FEB. .	19 9 33	19 13 8
	MAR. .	24 7 8	24 6 7		MAR. .	20 22 18	20 21 23
	APRIL	22 19 52	22 21 53		APRIL	19 11 2	19 5 28
	MAY .	22 8 36	22 13 10		MAY .	18 23 46	18 14 22
	JUNE .	20 21 20	21 3 25		JUNE .	17 12 30	17 1 4
	JULY .	20 10 4	20 16 16		JULY .	17 1 14	16 14 15
	AUG. .	18 22 48	19 3 59		AUG. .	15 13 58	15 6 0
	SEPT. .	17 11 32	17 14 57		SEPT. .	14 2 42	13 23 41
	OCT. .	17 0 16	17 1 43		OCT. .	13 15 26	13 18 9
	NOV. .	15 13 0	15 12 28		NOV. .	12 4 10	12 12 6
	DEC. .	15 1 44	14 23 22		DEC. .	11 16 54	12 4 17
1297. G.F.	JAN. .	13 14 28	13 10 27	1294. C.	JAN. .	10 5 38	10 18 2
	FEB. .	12 3 12	11 21 54		FEB. .	8 18 22	9 5 14
	MAR. .	12 15 57	12 10 7		MAR. .	10 7 7	10 14 15
1 23 1	APRIL	11 4 41	10 23 25	2 16 27	APRIL	8 19 51	8 21 43
	MAY .	10 17 25	10 13 51		MAY .	8 8 35	8 4 43
	JUNE .	9 6 9	9 5 9		JUNE .	6 21 19	6 12 19
	JULY .	8 18 53	8 20 41		JULY .	6 10 3	5 21 29
	AUG. .	7 7 37	7 11 48		AUG. .	4 22 47	4 9 14
	SEPT. .	5 20 21	6 2 5		SEPT. .	3 11 31	3 0 0
	OCT. .	5 9 5	5 15 22		OCT. .	3 0 15	2 17 31
	NOV. .	3 21 49	4 3 43		NOV. .	1 12 59	1 12 43
	DEC. .	3 10 33	3 15 10		DEC. .	{ 1 1 43 30 14 27	{ 1 8 2 31 1 52
1296. E.	JAN. .	{ 1 23 17 31 12 1	{ 2 1 47 31 11 42	1293. B.A.	JAN. .	29 3 11	29 16 58
	FEB. .	...	...		FEB. .	27 15 55	28 5 6
	MAR. .	{ 2 0 45 31 13 29	{ 1 21 16 31 7 7	1 22 16	MAR. .	28 4 39	28 14 31
2 4 50	APRIL	30 2 13	29 18 2		APRIL	26 17 23	26 22 1
	MAY .	29 14 57	29 6 39		MAY .	26 6 7	26 4 41
	JUNE .	28 3 41	27 21 8		JUNE .	24 18 51	24 11 36
	JULY .	27 16 25	27 13 11		JULY .	24 7 35	23 19 51
	AUG. .	26 5 9	26 6 3		AUG. .	22 20 19	22 6 26
	SEPT. .	24 17 53	24 22 46		SEPT. .	21 9 3	20 19 57
	OCT. .	24 6 37	24 14 32		OCT. .	20 21 47	20 12 27
	NOV. .	22 19 21	23 4 46		NOV. .	19 10 31	19 7 11
	DEC. .	22 8 5	22 17 14		DEC. .	18 23 15	19 2 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1292. G. April. <i>d. h. m.</i> 2 4 5		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1289. D.C. April. <i>d. h. m.</i> 1 21 31		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17 11 59	17 21 20		JAN. .	15 3 9	14 20 50
	FEB. .	16 0 43	16 13 41		FEB. .	13 15 53	13 10 50
	MAR. .	17 13 28	18 3 3		MAR. .	14 4 38	14 1 48
	APRIL	16 2 12	16 13 29		APRIL	12 17 22	12 17 20
	MAY .	15 14 56	15 21 42		MAY .	12 6 6	12 8 53
	JUNE .	14 3 40	14 4 47		JUNE .	10 18 50	10 23 46
	JULY .	13 16 24	13 11 50		JULY .	10 7 34	10 13 30
	AUG. .	12 5 8	11 19 52		AUG. .	8 20 18	9 2 2
	SEPT. .	10 17 52	10 5 46		SEPT. .	7 9 2	7 13 36
	OCT. .	10 6 36	9 18 7		OCT. .	6 21 46	7 0 40
	NOV. .	8 19 20	8 9 7		NOV. .	5 10 30	5 11 32
	DEC. .	8 8 4	8 2 22		DEC. .	4 23 14	4 22 23
1291. F. 2 9 53	JAN. .	6 20 48	6 20 52	1288. B. 2 3 20	JAN. .	3 11 58	3 9 13
	FEB. .	5 9 32	5 15 16		FEB. .	2 0 42	1 20 13
	MAR. .	6 22 17	7 8 15		MAR. .	3 13 27	3 7 43
	APRIL	5 11 1	5 22 50		APRIL	2 2 11	1 20 8
	MAY .	4 23 45	5 10 46		MAY .	1 14 55	1 9 48
	JUNE .	3 12 29	3 20 24			31 3 39	31 0 39
	JULY .	3 1 13	3 4 39		JUNE .	29 16 23	29 16 13
	AUG. .	1 13 57	1 12 33		JULY .	29 5 7	29 7 49
		31 2 41	30 21 1		AUG. .	27 17 51	27 22 51
	SEPT. .	29 15 25	29 6 47		SEPT. .	26 6 35	26 12 56
	OCT. .	29 4 9	28 18 17		OCT. .	25 19 19	26 2 0
	NOV. .	27 16 53	27 7 40		NOV. .	24 8 3	24 14 0
	DEC. .	27 5 37	26 22 51		DEC. .	23 20 47	24 1 2
1290. E. 2 15 42	JAN. .	25 18 21	25 15 21	1287. A. 2 9 9	JAN. .	22 9 31	22 11 6
	FEB. .	24 7 5	24 8 26		FEB. .	20 22 15	20 20 34
	MAR. .	25 19 49	26 1 8		MAR. .	22 10 59	22 5 54
	APRIL	24 8 33	24 16 34		APRIL	20 23 43	20 15 57
	MAY .	23 21 17	24 6 7		MAY .	20 12 27	20 3 29
	JUNE .	22 10 1	22 17 43		JUNE .	19 1 11	18 16 58
	JULY .	21 22 45	22 3 52		JULY .	18 13 55	18 8 23
	AUG. .	20 11 29	20 13 17		AUG. .	17 2 39	17 1 8
	SEPT. .	19 0 13	18 22 48		SEPT. .	15 15 23	15 18 17
	OCT. .	18 12 57	18 8 55		OCT. .	15 4 7	15 10 53
	NOV. .	17 1 41	16 19 55		NOV. .	13 16 51	14 2 9
	DEC. .	16 14 25	16 7 52		DEC. .	13 5 35	13 15 35

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1286. G. April. <i>d. h. m.</i> 2 14 53		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1283. C. April. <i>d. h. m.</i> 2 8 24		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	11 18 19	12 3 7		JAN. .	8 9 29	8 16 6
	FEB. .	10 7 3	10 12 52		FEB. .	6 22 13	7 9 37
	MAR. .	11 19 48	11 21 19		MAR. .	8 10 58	9 0 27
	APRIL	10 8 32	10 5 10		APRIL	6 23 42	7 12 14
	MAY .	9 21 16	9 13 20		MAY .	6 12 26	6 21 27
	JUNE .	8 10 0	7 22 56		JUNE .	5 1 10	5 5 1
	JULY .	7 22 44	7 10 48		JULY .	4 13 54	4 12 3
	AUG. .	6 11 28	6 1 21		AUG. .	3 2 38	2 19 37
	SEPT. .	5 0 12	4 18 19		SEPT. .	1 15 22	1 4 38
	OCT. .	4 12 56	4 12 46		OCT. .	1 4 6	30 15 49
	NOV. .	3 1 40	3 7 20			30 16 50	30 5 31
	DEC. .	2 14 24	3 0 38		NOV. .	29 5 34	28 21 38
					DEC. .	28 18 18	28 15 30
1285. F.E. 1 20 46	JAN. .	{ 1 3 8 30 15 52	1 15 41 31 4 5	1282. B. 2 14 13	JAN. .	27 7 2	27 9 55
	FEB. .	29 4 36	29 13 59		FEB. .	25 19 46	26 3 35
	MAR. .	29 17 20	29 22 1		MAR. .	27 8 30	27 19 20
	APRIL	28 6 4	28 5 2		APRIL	25 21 14	26 8 35
	MAY .	27 18 48	27 12 4		MAY .	25 9 58	25 19 20
	JUNE .	26 7 32	25 20 16		JUNE .	23 22 42	24 4 18
	JULY .	25 20 16	25 6 40		JULY .	23 11 26	23 12 27
	AUG. .	24 9 0	23 19 53		AUG. .	22 0 10	21 20 43
	SEPT. .	22 21 44	22 12 18		SEPT. .	20 12 54	20 5 57
	OCT. .	22 10 28	22 6 55		OCT. .	20 1 38	19 16 38
	NOV. .	20 23 12	21 2 27		NOV. .	18 14 22	18 5 4
	DEC. .	20 11 56	20 21 13		DEC. .	18 3 6	17 19 15
1284. D. 2 2 35	JAN. .	19 0 40	19 13 46	1281. A.G. 1 20 2	JAN. .	16 15 50	16 10 54
	FEB. .	17 13 24	18 3 19		FEB. .	15 4 34	15 3 32
	MAR. .	19 2 9	19 13 56		MAR. .	15 17 19	15 20 21
	APRIL	17 14 53	17 22 13		APRIL	14 6 3	14 12 24
	MAY .	17 3 37	17 5 7		MAY .	13 18 47	14 2 56
	JUNE .	15 16 21	15 11 47		JUNE .	12 7 31	12 15 36
	JULY .	15 5 5	14 19 18		JULY .	11 20 15	12 2 36
	AUG. .	13 17 49	13 4 42		AUG. .	10 8 59	10 12 33
	SEPT. .	12 6 33	11 16 47		SEPT. .	8 21 43	8 22 11
	OCT. .	11 19 17	11 7 53		OCT. .	8 10 27	8 8 7
	NOV. .	10 8 1	10 1 39		NOV. .	6 23 11	6 18 45
	DEC. .	9 20 45	9 20 55		DEC. .	6 11 55	6 6 11

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1280. F. April. <i>d. h. m.</i> 2 1 51	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 5 0 39 3 13 23 5 2 8 3 14 52 3 3 36 1 16 20 1 5 4 29 6 32 27 19 16 27 8 0 25 20 44 25 9 28	<i>d. h. m.</i> 4 18 28 3 7 39 4 21 51 3 12 54 3 4 23 1 19 42 1 10 11 29 11 53 27 23 25 27 10 33 25 21 28 25 8 13	B.C. 1277. C.B. April. <i>d. h. m.</i> 1 19 17	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 2 15 49 1 4 33 1 17 18 29 18 46 29 7 30 27 20 14 27 8 58 25 21 42 24 10 26 23 23 10 22 11 54 22 0 33	<i>d. h. m.</i> 3 1 55 1 12 24 1 21 15 29 12 49 28 21 28 27 8 8 26 21 16 25 13 12 24 7 14 24 2 6 22 20 20 22 12 40
1279. E. 2 7 40	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	23 22 12 22 10 56 23 23 40 22 12 24 22 1 8 20 13 52 20 2 36 18 15 20 17 4 4 16 16 48 15 5 32 14 18 16	23 18 55 22 5 48 23 17 25 22 6 12 21 20 21 20 11 38 20 3 27 18 19 5 17 10 0 16 23 49 15 12 31 15 0 4	1276. A. 2 1 6	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	20 13 22 19 2 6 20 14 50 19 3 34 18 16 18 17 5 2 16 17 46 15 6 30 13 19 14 13 7 58 11 20 42 11 9 26	21 2 22 19 13 22 20 22 6 19 5 21 18 12 11 16 19 38 16 4 4 14 16 4 18 7 3 13 1 1 11 20 4 11 16
1278. D. 2 13 29	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	13 7 0 11 19 44 13 8 29 11 21 13 11 9 57 9 22 41 9 11 25 8 0 9 6 12 53 6 1 37 4 14 21 4 3 5	13 10 30 11 20 0 13 5 5 11 14 26 11 0 57 9 13 19 9 3 49 7 20 7 6 13 25 6 6 42 4 22 56 4 13 26	1275. G. 2 6 55	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . Nov. . DEC. .	9 22 10 8 10 54 9 23 39 8 12 23 8 1 7 6 13 51 6 2 35 4 15 19 3 4 3 2 16 47 1 5 31 30 18 15 30 6 59	10 9 4 9 0 5 10 12 4 8 22 8 5 6 12 5 19 4 3 2 14 2 4 31 20 30 15 30 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1274. F.	JAN. .	28 19 43	29 4 56	B.C. 1271. B.	JAN. .	25 10 53	25 5 0
April. <i>d. h. m.</i> 2 12 44	FEB. .	27 8 27	27 21 6	April. <i>d. h. m.</i> 2 6 10	FEB. .	23 23 37	23 18 24
	MAR. .	28 21 12	29 10 21		MAR. .	25 12 22	25 8 36
	APRIL	27 9 56	27 20 44		APRIL	24 1 6	23 23 54
	MAY .	26 22 40	27 5 3		MAY .	23 13 50	23 15 19
	JUNE .	25 11 24	25 12 18		JUNE .	22 2 34	22 6 23
	JULY .	25 0 8	24 19 37		JULY .	21 15 18	21 20 34
	AUG. .	23 12 52	23 3 57		AUG. .	20 4 2	20 9 41
	SEPT. .	22 1 36	21 14 6		SEPT. .	18 16 46	18 21 50
	OCT. .	21 14 20	21 2 35		OCT. .	18 5 30	18 9 23
	NOV. .	20 3 4	19 17 30		NOV. .	16 18 14	16 20 31
	DEC. .	19 15 48	19 10 26		DEC. .	16 6 58	16 7 19
1273. E.D.	JAN. .	18 4 32	18 4 33	1270. A.	JAN. .	14 19 42	14 17 41
1 18 33	FEB. .	16 17 16	16 22 33	2 11 59	FEB. .	13 8 26	13 4 21
	MAR. .	17 6 0	17 15 14		MAR. .	14 21 10	14 15 14
	APRIL	15 18 44	16 5 44		APRIL	13 9 54	13 3 8
	MAY .	15 7 28	15 17 45		MAY .	12 22 33	12 16 25
	JUNE .	13 20 12	14 3 37		JUNE .	11 11 22	11 7 7
	JULY .	13 8 56	13 12 13		JULY .	11 0 6	10 22 50
	AUG. .	11 21 40	11 20 31		AUG. .	9 12 50	9 14 53
	SEPT. .	10 10 24	10 5 24		SEPT. .	8 1 34	8 6 31
	OCT. .	9 23 8	9 15 26		OCT. .	7 14 18	7 21 11
	NOV. .	8 11 52	8 3 2		NOV. .	6 3 2	6 10 41
	DEC. .	8 0 36	7 16 14		DEC. .	5 15 46	5 22 53
1272. C.	JAN. .	6 13 20	6 6 58	1269. G.F.	JAN. .	4 4 30	4 9 48
2 0 22	FEB. .	5 2 4	4 22 56	1 17 48	FEB. .	2 17 14	2 19 34
	MAR. .	6 14 49	6 15 29		MAR. .	3 5 59	3 4 34
	APRIL	5 3 33	5 7 51		APRIL	1 18 43	1 13 26 30 23 3
	MAY .	4 16 17	4 23 11		MAY .	1 7 27	30 20 11
	JUNE .	3 5 1	3 12 53		JUNE .	29 8 55	28 23 40
	JULY .	2 17 45	3 0 52		JULY .	28 21 39	28 15 13
	AUG. .	1 6 29	1 11 29		AUG. .	27 10 23	27 8 20
		30 19 13	30 21 27		SEPT. .	25 23 7	26 2 1
	SEPT. .	29 7 57	29 7 24		OCT. .	25 11 51	25 19 6
	OCT. .	28 20 41	28 17 47		NOV. .	24 0 35	24 10 43
	NOV. .	27 9 25	27 4 50		DEC. .	23 13 19	24 0 16
	DEC. .	26 22 9	26 16 33				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1268. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1265. B.A.		<i>d. h. m.</i>	<i>d. h. m.</i>
April. <i>d. h. m.</i> 1 23 37	JAN. .	22 2 3	22 11 38	April. <i>d. h. m.</i> 1 17 3	JAN. .	19 17 13	19 23 45
	FEB. .	20 14 47	20 21 6		FEB. .	18 5 57	18 17 4
	MAR. .	22 3 31	22 5 9		MAR. .	18 18 41	19 7 43
	APRIL	20 16 15	20 12 38		APRIL	17 7 25	17 19 27
	MAY .	20 4 59	19 20 34		MAY .	16 20 9	17 4 42
	JUNE .	18 17 43	18 5 59		JUNE .	15 8 53	15 12 26
	JULY .	18 6 27	17 17 50		JULY .	14 21 37	14 19 45
	AUG. .	16 19 11	16 8 30		AUG. .	13 10 21	13 3 36
	SEPT. .	15 7 55	15 1 46		SEPT. .	11 23 5	11 12 54
	OCT. .	14 20 39	14 20 33		OCT. .	11 11 49	11 0 17
	NOV. .	13 9 23	13 15 25		NOV. .	10 0 33	9 13 53
	DEC. .	12 22 7	13 8 55		DEC. .	9 13 17	9 5 52
1267. D.	JAN. .	11 10 51	12 0 0	1264. G.	JAN. .	8 2 1	7 23 13
	FEB. .	9 23 35	10 12 14		FEB. .	6 14 45	6 17 13
	MAR. .	11 12 20	11 21 54		MAR. .	8 3 30	8 10 39
2 5 26	APRIL	10 1 4	10 5 41	1 22 52	APRIL	6 16 14	7 2 13
	MAY .	9 13 48	9 12 30		MAY .	6 4 58	6 15 28
	JUNE .	8 2 32	7 19 27		JUNE .	4 17 42	5 2 26
	JULY .	7 15 16	7 3 39		JULY .	4 6 26	4 11 44
	AUG. .	6 4 0	5 14 8		AUG. .	2 19 10	2 20 17
	SEPT. .	4 16 44	4 3 35		SEPT. .	{ 1 7 54	1 4 59
	OCT. .	4 5 28	3 20 5			{ 30 20 38	30 14 34
	NOV. .	2 18 12	2 14 51		OCT. .	30 9 22	30 1 26
	DEC. .	{ 2 6 56	2 10 27		NOV. .	23 22 6	23 13 47
		{ 31 19 40	...		DEC. .	23 10 50	23 3 36
1266. C.	JAN. .	30 8 24	{ 1 5 21	1263. F.	JAN. .	26 23 34	26 18 44
	FEB. .	23 21 9	{ 30 21 33		FEB. .	25 12 18	25 10 43
	MAR. .	30 9 53	{ 1 11 4		MAR. .	27 1 3	27 3 10
2 11 15	APRIL	23 22 37	{ 30 21 30	2 4 41	APRIL	25 13 47	25 18 59
	MAY .	23 11 21	23 12 34		MAY .	25 2 31	25 9 34
	JUNE .	27 0 5	26 19 19		JUNE .	23 15 15	23 22 32
	JULY .	26 12 49	26 3 0		JULY .	23 3 59	23 10 1
	AUG. .	25 1 33	24 12 36		AUG. .	21 16 43	21 20 29
	SEPT. .	23 14 17	23 0 52		SEPT. .	20 ⁴ 5 27	20 6 37
	OCT. .	23 3 1	22 16 2		OCT. .	19 18 11	19 16 57
	NOV. .	21 15 45	21 9 43		NOV. .	18 6 55	18 3 43
	DEC. .	21 4 29	21 4 49		DEC. .	17 19 39	17 15 1

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1262. E. April. <i>d. h. m.</i> 2 10 29		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1259. A. April. <i>d. h. m.</i> 2 3 56		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 8 23	16 2 52		JAN. .	12 23 33	13 10 30
	FEB. .	14 21 7	14 15 28		FEB. .	11 12 17	11 20 43
	MAR. .	16 9 51	16 5 2		MAR. .	13 1 1	13 5 13
	APRIL	14 22 36	14 19 37		APRIL	11 13 45	11 12 42
	MAY .	14 11 21	14 10 52		MAY .	11 2 29	10 20 9
	JUNE .	13 0 5	13 2 13		JUNE .	9 15 13	9 4 36
	JULY .	12 12 49	12 17 4		JULY .	9 3 57	8 15 7
	AUG. .	11 1 33	11 6 59		AUG. .	7 16 41	7 4 25
	SEPT. .	9 14 17	9 19 55		SEPT. .	6 5 25	5 20 34
	OCT. .	9 3 1	9 7 59		OCT. .	5 18 9	5 14 53
	NOV. .	7 15 45	7 19 27		NOV. .	4 6 53	4 10 4
	DEC. .	7 4 29	7 6 27		DEC. .	3 19 37	4 4 32
1261. D.C. 1 16 18	JAN. .	5 17 13	5 17 0	1258. G. 2 9 45	JAN. .	{ 2 8 21 31 21 5	2 20 56 ...
	FEB. .	4 5 57	4 3 15		FEB. .	...	1 10 32
	MAR. .	4 18 40	4 13 35		MAR. .	{ 2 9 50 31 22 34	2 21 20 { 1 5 48 30 12 54
	APRIL	3 7 24	3 0 37		APRIL	30 11 18	29 19 36
	MAY .	2 20 8	2 12 56		MAY .	30 0 2	28 12 46
	JUNE .	{ 1 8 52 30 21 36	1 2 52 30 18 10		JUNE .	28 12 46	28 3 3
	JULY .	30 10 20	30 10 19		JULY .	28 1 30	27 12 19
	AUG. .	28 23 4	29 2 31		AUG. .	26 14 14	26 0 18
	SEPT. .	27 11 48	27 18 1		SEPT. .	25 2 58	24 15 24
	OCT. .	27 0 32	27 8 22		OCT. .	24 15 42	24 9 13
	NOV. .	25 13 16	25 21 21		NOV. .	23 4 26	23 4 38
	DEC. .	25 2 0	25 8 55		DEC. .	22 17 10	23 0 0
1260. B. 1 22 7	JAN. .	23 14 44	23 19 5	1257: F.E. 1 15 34	JAN. .	21 5 54	21 17 41
	FEB. .	22 3 28	22 4 11		FEB. .	19 18 33	20 8 35
	MAR. .	23 16 13	23 12 48		MAR. .	20 7 22	20 20 23
	APRIL	22 4 57	21 21 43		APRIL	18 20 6	19 5 31
	MAY .	21 17 41	21 7 53		MAY .	18 8 50	18 12 54
	JUNE .	20 6 25	19 20 4		JUNE .	16 21 34	16 19 38
	JULY .	19 19 9	19 10 37		JULY .	16 10 18	16 2 49
	AUG. .	18 7 53	18 3 12		AUG. .	14 23 2	14 11 27
	SEPT. .	16 20 37	16 20 57		SEPT. .	13 11 46	12 22 25
	OCT. .	16 9 21	16 14 43		OCT. .	13 0 30	12 12 12
	NOV. .	14 22 5	15 7 21		NOV. .	11 13 14	11 4 42
	DEC. .	14 10 49	14 22 4		DEC. .	11 1 58	10 23 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1256. D. April. <i>d. h. m.</i> 1 21 22		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1253. A.G. April. <i>d. h. m.</i> 1 14 49		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	9 14 42	9 18 14		JAN. .	7 5 52	7 1 7
	FEB. .	8 3 26	8 12 24		FEB. .	5 18 36	5 13 4
	MAR. .	9 16 11	10 4 23		MAR. .	6 7 21	6 1 50
	APRIL	8 4 55	8 17 30		APRIL	4 20 5	4 15 38
	MAY .	7 17 39	8 3 56		MAY .	4 8 49	4 6 25
	JUNE .	6 6 23	6 12 22		JUNE .	2 21 33	2 21 45
	JULY .	5 19 7	5 19 53		JULY .	2 10 17	2 13 3
	AUG. .	4 7 51	4 3 29		JULY .	{ 31 23 1	{ 1 3 43
	SEPT. .	2 20 35	2 12 10		AUG. .	30 11 45	{ 30 17 26
	OCT. .	{ 2 9 19	1 22 34		SEPT. .	29 0 29	29 6 11
		{ 31 22 3	31 11 8		OCT. .	28 13 13	28 13 10
	NOV. .	30 10 47	30 1 53		NOV. .	27 1 57	27 5 28
	DEC. .	29 23 31	29 18 28		DEC. .	26 14 41	26 16 10
1255. C. 2 3 11	JAN. .	28 12 15	28 12 6	1252. F. 1 20 38	JAN. .	25 3 25	25 2 21
	FEB. .	27 0 59	27 5 41		FEB. .	23 16 9	23 12 20
	MAR. .	28 13 44	28 22 7		MAR. .	25 4 54	24 22 41
	APRIL	27 2 28	27 12 32		APRIL	23 17 38	23 10 3
	MAY .	26 15 12	27 0 40		MAY .	23 6 22	22 23 1
	JUNE .	25 3 56	25 10 52		JUNE .	21 19 6	21 13 38
	JULY .	24 16 40	24 19 52		JULY .	21 7 50	21 5 35
	AUG. .	23 5 24	23 4 37		AUG. .	19 20 34	19 22 5
	SEPT. .	21 18 8	21 13 54		SEPT. .	18 9 18	18 14 18
	OCT. .	21 6 52	21 0 14		OCT. .	17 22 2	18 5 33
	NOV. .	19 19 36	19 11 49		NOV. .	16 10 46	16 19 25
	DEC. .	19 8 20	19 0 47		DEC. .	15 23 30	16 7 44
1254. B. 2 9 0	JAN. .	17 21 4	17 15 3	1251. E. 2 2 27	JAN. .	14 12 14	14 13 29
	FEB. .	16 9 48	16 6 25		FEB. .	13 0 58	13 3 53
	MAR. .	17 22 32	17 22 27		MAR. .	14 13 42	14 12 26
	APRIL	16 11 16	16 14 27		APRIL	13 2 26	12 20 51
	MAY .	16 0 0	16 5 42		MAY .	12 15 10	12 6 6
	JUNE .	14 12 44	14 19 38		JUNE .	11 3 54	10 17 5
	JULY .	14 1 28	14 8 1		JULY .	10 16 38	10 6 27
	AUG. .	12 14 12	12 19 12		AUG. .	9 5 22	8 22 11
	SEPT. .	11 2 56	11 5 42		SEPT. .	7 18 6	7 15 40
	OCT. .	10 15 40	10 16 6		OCT. .	7 6 50	7 9 48
	NOV. .	9 4 24	9 2 44		NOV. .	5 19 34	6 3 21
	DEC. .	8 17 8	8 13 44		DEC. .	5 8 18	5 19 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
1250.	JAN. .	8 21 2	4 8 49	1247.	JAN. .	30 0 56	30 7 17
D.	FEB. .	2 9 46	2 20 1	G.	FEB. .	28 13 41	28 23 55
April.	MAR. .	8 22 31	4 5 10	April.	MAR. .	30 2 25	30 14 51
<i>d. h. m.</i>	APRIL	2 11 15	2 12 53	<i>d. h. m.</i>	APRIL	28 15 9	29 2 35
2 8 15	MAY .	{ 1 23 59	1 20 5	2 1 42	MAY .	28 3 53	28 11 57
		{ 31 12 43	31 3 48		JUNE .	26 16 37	26 19 54
	JUNE .	80 1 27	29 13 8		JULY .	26 5 21	26 3 30
	JULY .	29 14 11	29 1 1		AUG. .	24 18 5	24 11 44
	AUG. .	28 2 55	27 15 51		SEPT. .	23 6 49	22 21 22
	SEPT. .	26 15 39	26 9 20		OCT. .	22 19 33	22 8 53
	OCT. .	26 4 23	26 4 24		NOV. .	21 8 17	20 22 30
	NOV. .	24 17 7	24 23 31		DEC. .	20 21 1	20 14 6
	DEC. .	24 5 51	24 17 9				
1249.	JAN. .	22 18 35	23 8 10	1246.	JAN. .	19 9 45	19 7 5
C.B.	FEB. .	21 7 19	21 20 15	F.	FEB. .	17 22 29	18 0 36
	MAR. .	21 20 4	22 5 41	2 7 31	MAR. .	19 11 14	19 17 34
1 14 4	APRIL	20 8 48	20 13 15		APRIL	17 23 58	18 8 53
	MAY .	19 21 32	19 19 57		MAY .	17 12 42	17 22 17
	JUNE .	18 10 16	18 2 52		JUNE .	16 1 26	16 9 31
	JULY .	17 23 0	17 11 9		JULY .	15 14 10	15 19 12
	AUG. .	16 11 44	15 21 46		AUG. .	14 2 54	14 4 13
	SEPT. .	15 0 28	14 11 22		SEPT. .	12 15 38	12 13 23
	OCT. .	14 13 12	14 3 59		OCT. .	12 4 22	11 23 18
	NOV. .	18 1 56	12 22 47		NOV. .	10 17 6	10 10 18
	DEC. .	12 14 40	12 18 23		DEC. .	10 5 50	9 22 29
1248.	JAN. .	11 3 24	11 13 3	1245.	JAN. .	8 18 34	8 11 55
A.	FEB. .	9 16 8	10 5 21	E.D.	FEB. .	7 7 13	7 2 27
	MAR. .	11 4 52	11 13 38	1 13 20	MAR. .	7 20 2	7 17 56
1 19 53	APRIL	9 17 36	10 5 7		APRIL	6 8 46	6 9 49
	MAY .	9 6 20	9 13 3		MAY .	5 21 30	6 1 27
	JUNE .	7 19 4	7 20 1		JUNE .	4 10 14	4 16 10
	JULY .	7 7 48	7 2 54		JULY .	3 22 53	4 5 30
	AUG. .	5 20 32	5 10 49		AUG. .	2 11 42	2 17 29
	SEPT. .	4 9 16	3 20 39		SEPT. .	{ 1 0 26	1 4 33
	OCT. .	3 22 0	3 9 4			{ 30 13 10	30 15 12
	NOV. .	2 10 44	2 0 17		OCT. .	30 1 54	30 1 51
	DEC. .	{ 1 28 28	1 17 48		NOV. .	28 14 33	28 12 40
		{ 31 12 12	31 12 34		DEC. .	28 3 22	27 23 44

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1244. c. April. d. h. m. 1 19 8		d. h. m.	d. h. m.	B.C. 1241. G.F. April. d. h. m. 1 12 35		d. h. m.	d. h. m.
	JAN. .	26 16 6	26 11 8		JAN. .	24 7 16	24 18 54
	FEB. .	25 4 50	24 23 9		FEB. .	22 20 0	23 4 52
	MAR. .	26 17 35	26 12 8		MAR. .	23 8 45	23 13 4
	APRIL	25 6 19	25 2 13		APRIL	21 21 29	21 20 15
	MAY .	24 19 3	24 17 15		MAY .	21 10 13	21 3 28
	JUNE .	23 7 47	23 8 46		JUNE .	19 22 57	19 11 43
	JULY .	22 20 31	22 23 58		JULY .	19 11 41	18 22 21
	AUG. .	21 9 15	21 14 28		AUG. .	18 0 25	17 11 45
	SEPT. .	19 21 59	20 4 0		SEPT. .	16 13 9	16 4 6
	OCT. .	19 10 43	19 14 36		OCT. .	16 1 53	15 22 39
	NOV. .	17 23 27	18 4 22		NOV. .	14 14 37	14 18 4
	DEC. .	17 12 11	17 15 21		DEC. .	14 3 21	14 12 42
1243. B. 2 0 57	JAN. .	16 0 55	16 1 33	1240. E. 1 18 24	JAN. .	12 16 5	13 5 6
	FEB. .	14 13 39	14 11 25		FEB. .	11 4 49	11 18 34
	MAR. .	16 2 23	15 21 14		MAR. .	12 17 33	13 5 8
	APRIL	14 15 7	14 7 44		APRIL	11 6 17	11 18 25
	MAY .	14 3 51	13 19 40		MAY .	10 19 1	10 20 21
	JUNE .	12 16 35	12 9 24		JUNE .	9 7 45	9 3 1
	JULY .	12 5 19	12 0 50		JULY .	8 20 29	8 10 32
	AUG. .	10 18 3	10 17 19		AUG. .	7 9 13	6 19 55
	SEPT. .	9 6 47	9 10 3		SEPT. .	5 21 57	5 8 5
	OCT. .	8 19 31	9 2 8		OCT. .	5 10 41	4 23 18
	NOV. .	7 8 15	7 16 53		NOV. .	3 23 25	3 17 11
	DEC. .	6 20 59	7 6 10		DEC. .	3 12 9	3 12 36
1242. A. 2 6 46	JAN. .	5 9 43	5 17 33	1239. D. 2 0 13	JAN. .	{ 2 0 53 31 13 37	2 7 52 ...
	FEB. .	3 22 27	4 3 32		FEB. .	...	1 1 23
	MAR. .	5 11 12	5 12 15		MAR. .	{ 2 2 22 31 15 6	2 16 9 { 1 3 49 30 12 53
	APRIL	3 23 56	3 20 24		APRIL	30 3 50	29 20 17
	MAY .	3 12 40	3 4 55		MAY .	29 16 34	28 3 10
	JUNE .	2 1 24	1 14 48		JUNE .	28 5 18	27 10 35
	JULY .	{ 1 14 8 31 2 52	1 2 53 30 17 31		JULY .	27 18 2	25 19 30
	AUG. .	29 15 36	29 10 33		AUG. .	26 6 46	24 5 40
	SEPT. .	28 4 20	28 4 33		SEPT. .	24 19 30	23 20 30
	OCT. .	27 17 4	27 22 46		OCT. .	24 8 14	22 12 55
	NOV. .	26 5 48	26 15 45		NOV. .	22 20 53	22 7 8
	DEC. .	25 13 32	26 6 35		DEC. .	22 9 42	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1238. C. April. <i>d. h. m.</i> 2 6 1		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1235. F. April. <i>d. h. m.</i> 1 23 23		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	20 22 26	21 1 52		JAN. .	17 13 36	17 9 38
	FEB. .	19 11 10	19 19 43		FEB. .	16 2 20	15 21 1
	MAR. .	20 23 55	21 11 29		MAR. .	17 15 5	17 9 10
	APRIL	19 12 39	20 0 33		APRIL	16 3 49	15 22 26
	MAY .	19 1 23	19 11 4		MAY .	15 16 33	15 12 54
	JUNE .	17 14 7	17 19 43		JUNE .	14 5 17	14 4 13
	JULY .	17 2 51	17 3 31		JULY .	13 18 1	13 19 47
	AUG. .	15 15 35	15 11 32		AUG. .	12 6 45	12 10 58
	SEPT. .	14 4 19	13 20 33		SEPT. .	10 19 29	11 1 19
	OCT. .	13 17 3	13 7 11		OCT. .	10 8 13	10 14 40
	NOV. .	12 5 47	11 19 46		NOV. .	8 20 57	9 3 0
	DEC. .	11 18 31	11 10 17		DEC. .	8 9 41	8 14 24
1237. B. A.	JAN. .	10 7 15	10 2 26	1234. E.	JAN. .	6 22 25	7 0 57
	FEB. .	8 19 59	8 19 33		FEB. .	5 11 9	5 10 45
	MAR. .	9 8 43	9 12 41		MAR. .	6 23 53	6 20 13
1 11 50	APRIL	7 21 27	8 4 50	2 5 17	APRIL	5 12 37	5 6 1
	MAY .	7 10 11	7 19 14		MAY .	5 1 21	4 16 57
	JUNE .	5 22 55	6 7 36		JUNE .	3 14 5	3 5 38
	JULY .	5 11 39	5 18 9		JULY .	3 2 49	2 20 15
	AUG. .	4 0 23	4 3 38		AUG. .	1 15 33	1 12 26
	SEPT. .	2 13 7	2 12 52		AUG. .	31 4 17	31 5 12
	OCT. .	2 1 51	1 22 33		SEPT. .	29 17 1	29 22 0
	OCT. .	31 14 35	31 9 6		OCT. .	29 5 45	29 13 55
	NOV. .	30 3 19	29 20 39		NOV. .	27 18 29	28 4 7
	DEC. .	29 16 3	29 9 17		DEC. .	27 7 13	27 16 28
1236. G.	JAN. .	28 4 47	27 23 1	1233. D.C.	JAN. .	25 19 57	26 3 1
	FEB. .	26 17 31	26 13 45		FEB. .	24 8 41	24 12 5
	MAR. .	28 6 16	28 5 15		MAR. .	24 21 26	24 20 13
1 17 39	APRIL	26 19 0	26 20 59	1 11 6	APRIL	23 10 10	23 4 15
	MAY .	26 7 44	26 12 14		MAY .	22 22 54	22 13 10
	JUNE .	24 20 28	25 2 24		JUNE .	21 11 38	21 0 0
	JULY .	24 9 12	24 15 18		JULY .	21 0 22	20 13 22
	AUG. .	22 21 56	23 3 2		AUG. .	19 13 6	19 5 17
	SEPT. .	21 10 40	21 14 6		SEPT. .	18 1 50	17 23 7
	OCT. .	20 23 24	21 0 56		OCT. .	17 14 34	17 17 41
	NOV. .	19 12 8	19 11 43		NOV. .	16 3 18	16 11 37
	DEC. .	19 0 52	18 22 37		DEC. .	15 16 2	16 3 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1232. B. April. <i>d. h. m.</i> 1 16 54	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 14 4 46 12 17 30 14 6 15 12 18 59 12 7 43 10 20 27 10 9 11 8 21 55 7 10 39 6 23 23 5 12 7 5 0 51	<i>d. h. m.</i> 14 17 16 13 4 16 14 13 7 12 20 32 12 3 30 10 11 5 9 20 24 8 8 21 6 23 20 6 17 2 5 12 20 5 7 37	B.C. 1229. F.E. April. <i>d. h. m.</i> 1 10 21	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 11 19 56 10 8 40 10 21 24 9 10 8 8 22 52 7 11 36 7 0 20 5 13 4 4 1 43 3 14 32 2 3 16 1 16 0 31 4 44	<i>d. h. m.</i> 11 20 23 10 14 39 11 7 26 9 21 51 9 9 36 7 19 10 7 3 26 5 11 25 3 20 1 3 5 57 1 17 34 1 7 3 30 22 15
1231. A. 1 22 43	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 3 13 35 2 2 19 3 15 3 2 3 47 1 16 31 31 5 15 29 17 59 29 6 43 27 19 27 26 8 11 25 20 55 24 9 39 23 22 23	<i>d. h. m.</i> 4 1 15 2 16 12 4 4 6 2 13 20 1 20 43 31 3 22 29 10 22 28 18 46 27 5 33 25 19 17 25 11 59 24 6 48 24 2 17	1228. D. 1 16 10	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 29 17 23 28 6 13 29 13 57 28 7 41 27 20 25 26 9 9 25 21 53 24 10 37 22 23 21 22 12 5 21 0 49 20 13 33	<i>d. h. m.</i> 29 14 43 28 7 43 30 0 19 28 15 37 28 5 4 26 16 38 26 2 47 24 12 17 22 21 54 22 8 6 20 19 11 20 7 10
1230. G. 2 4 32	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 22 11 7 20 23 51 22 12 36 21 1 20 20 14 4 19 2 43 18 15 32 17 4 16 15 17 0 15 5 44 13 18 28 13 7 12	<i>d. h. m.</i> 22 20 45 21 12 54 23 2 3 21 12 17 20 20 25 19 3 30 18 10 37 16 18 48 15 4 54 14 17 26 13 8 36 13 1 54	1227. C. 1 21 59	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 19 2 17 17 15 1 19 3 46 17 16 30 17 5 14 15 17 58 15 6 42 13 19 26 12 8 10 11 20 54 10 9 38 9 22 22	<i>d. h. m.</i> 18 20 6 17 10 3 19 0 56 17 16 26 17 7 57 15 22 48 15 12 32 14 1 6 12 12 45 11 23 51 10 10 47 9 21 38

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1226. B. April. <i>d. h. m.</i> 2 3 47		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1223. E. April. <i>d. h. m.</i> 1 21 14		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	8 11 6	8 8 25		JAN. .	5 2 16	5 15 0
	FEB. .	6 23 50	6 19 20		FEB. .	3 15 0	4 3 12
	MAR. .	8 12 34	8 6 44		MAR. .	5 3 44	5 12 54
	APRIL	7 1 18	6 19 8		APRIL	3 16 28	3 20 47
	MAY .	6 14 2	6 8 49		MAY .	3 5 12	3 3 44
	JUNE .	5 2 46	4 23 43		JUNE .	1 17 56	1 10 48 30 19 6
	JULY .	4 15 30	4 15 19		JULY .	1 6 40 30 19 24	30 5 41
	AUG. .	3 4 14	3 6 59		AUG. .	29 8 8	28 18 13
	SEPT. .	1 16 58	1 22 4		SEPT. .	27 20 52	27 11 47
	OCT. .	1 5 42 30 18 26	1 12 13 31 1 17		OCT. .	27 9 36	27 6 32
	NOV. .	29 7 10	29 13 15		NOV. .	25 22 20	26 2 5
	DEC. .	28 19 54	29 0 12		DEC. .	25 11 4	25 20 43
1225. A.G. 1 9 36	JAN. .	27 8 38	27 10 10	1222. D. 2 3 3	JAN. .	23 23 48	24 13 4
	FEB. .	25 21 22	25 19 30		FEB. .	22 12 32	23 2 24
	MAR. .	26 10 7	26 4 48		MAR. .	24 1 17	24 12 49
	APRIL	24 22 51	24 14 51		APRIL	22 14 1	22 20 57
	MAY .	24 11 35	24 2 25		MAY .	22 2 45	22 3 49
	JUNE .	23 0 19	22 16 2		JUNE .	20 15 29	20 10 31
	JULY .	22 13 3	22 7 35		JULY .	20 4 13	19 18 9
	AUG. .	21 1 47	21 0 26		AUG. .	18 16 57	18 3 44
	SEPT. .	19 14 31	19 17 41		SEPT. .	17 5 41	16 16 2
	OCT. .	19 3 15	19 10 19		OCT. .	16 18 25	16 7 21
	NOV. .	17 15 59	18 1 33		NOV. .	15 7 9	15 1 14
	DEC. .	17 4 43	17 14 54		DEC. .	14 19 53	14 20 31
1224. F. 1 15 25	JAN. .	15 17 27	16 2 16	1221. C.B. 1 8 52	JAN. .	13 8 37	13 15 36
	FEB. .	14 6 11	14 11 51		FEB. .	11 21 21	12 8 56
	MAR. .	15 18 56	15 20 10		MAR. .	12 10 6	12 23 33
	APRIL	14 7 40	14 3 56		APRIL	10 22 50	11 11 8
	MAY .	13 20 24	13 12 8		MAY .	10 11 34	10 20 12
	JUNE .	12 9 8	11 21 48		JUNE .	9 0 18	9 3 44
	JULY .	11 21 52	11 9 49		JULY .	8 13 2	8 10 48
	AUG. .	10 10 36	10 0 35		AUG. .	7 1 46	6 18 30
	SEPT. .	8 23 20	8 17 43		SEPT. .	5 14 30	5 3 42
	OCT. .	8 12 4	8 12 18		OCT. .	5 3 14	4 15 3
	NOV. .	7 0 48	7 6 53		NOV. .	3 15 58	3 4 56
	DEC. .	6 13 32	7 0 7		DEC. .	3 4 42	2 21 8

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
1220.				1217.			
A.				E.D.			
	JAN. .	{ 1 17 26	1 15 1	April.	JAN. .	28 21 20	28 18 1
	FEB. .	{ 31 6 10	31 9 21	E.D.	FEB. .	27 10 4	27 4 50
	MAR. .	...	...	April.	MAR. .	27 22 48	27 16 24
	APRIL	{ 1 18 54	2 2 51	E.D.	APRIL	26 11 32	26 5 11
	MAY .	{ 31 7 38	31 18 27	1 8 6	MAY .	26 0 16	25 19 28
April.	JUNE .	29 20 22	30 7 30		JUNE .	24 13 0	24 10 43
<i>d. h. m.</i>	MAY .	29 9 6	29 18 10		JULY .	24 1 44	24 2 36
1 14 40	JUNE .	27 21 50	28 3 7		AUG. .	22 14 28	22 13 19
	JULY .	27 10 34	27 11 17		SEPT. .	21 3 12	21 9 17
	AUG. .	25 23 18	25 19 41		OCT. .	20 15 56	20 23 9
	SEPT. .	24 12 2	24 5 4		NOV. .	19 4 40	19 11 50
	OCT. .	24 0 46	23 15 53		DEC. .	18 17 24	18 23 18
	NOV. .	22 13 30	22 4 26				
	DEC. .	22 2 14	21 18 39				
1219.	JAN. .	20 14 58	20 10 17	1216.	JAN. .	17 6 8	17 9 36
G.	FEB. .	19 3 42	19 2 51	C.	FEB. .	15 18 52	15 19 1
	MAR. .	20 16 27	20 19 36		MAR. .	17 7 37	17 3 58
1 20 29	APRIL	19 5 11	19 11 30	1 13 55	APRIL	15 20 21	15 13 18
	MAY .	18 17 55	19 1 55		MAY .	15 9 5	14 23 50
	JUNE .	17 6 39	17 14 31		JUNE .	13 21 49	13 12 18
	JULY .	16 19 23	17 1 31		JULY .	13 10 33	13 2 56
	AUG. .	15 8 7	15 11 31		AUG. .	11 23 17	11 19 28
	SEPT. .	13 20 51	13 21 14		SEPT. .	10 12 1	10 12 50
	OCT. .	13 9 35	13 7 18		OCT. .	10 0 45	10 6 10
	NOV. .	11 22 19	11 18 0		NOV. .	8 13 29	8 22 28
	DEC. .	11 11 3	11 5 28		DEC. .	8 2 13	8 12 48
1218.	JAN. .	9 23 47	9 17 43	1215.	JAN. .	6 14 57	7 1 8
F.	FEB. .	8 12 31	8 6 52	B.	FEB. .	5 3 41	5 11 27
	MAR. .	10 1 16	9 21 0		MAR. .	6 16 25	6 20 7
2 2 18	APRIL	8 14 0	8 12 1	1 19 44	APRIL	5 5 9	5 3 52
	MAY .	8 2 44	8 3 27		MAY .	4 17 53	4 11 33
	JUNE .	6 15 23	6 18 45		JUNE .	3 6 37	2 20 16
	JULY .	6 4 12	6 9 14		JULY .	2 19 21	{ 2 6 59
	AUG. .	4 16 56	4 22 39		AUG. .	{ 1 8 5	{ 31 20 28
	SEPT. .	3 5 40	3 11 1			{ 30 20 49	30 12 32
	OCT. .	2 18 24	2 22 36		SEPT. .	29 9 33	29 6 43
	NOV. .	{ 1 7 8	1 9 47		OCT. .	28 22 17	29 1 39
	DEC. .	{ 30 19 52	30 20 43		NOV. .	27 11 1	27 19 51
		30 8 36	30 7 26		DEC. .	26 23 45	27 12 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.	Mean Vernal Equinox.	Month.	Mean New Moon.	True New Moon.
B.C. 1214. A. April. <i>d. h. m.</i> 2 1 33	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 25 12 29 24 1 13 25 13 58 24 2 42 23 15 26 22 4 10 21 16 54 20 5 38 18 18 22 18 7 6 16 19 50 16 8 34	<i>d. h. m.</i> 26 1 33 24 12 20 25 20 54 24 4 5 23 10 52 21 18 25 21 3 46 19 15 49 18 6 59 18 0 52 16 20 18 16 15 36	B.C. 1211. D. April. <i>d. h. m.</i> 1 18 59	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> 22 3 39 20 16 23 22 5 8 20 17 52 20 6 36 18 19 20 18 8 4 16 20 48 15 9 32 14 22 16 13 11 0 12 23 44	<i>d. h. m.</i> 22 3 59 20 21 53 22 14 25 21 4 44 20 16 36 19 2 27 18 11 3 16 19 26 15 4 26 14 14 38 13 2 20 12 15 36
1213. G.F. 1 7 22	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	14 21 18 13 10 2 13 22 47 12 11 31 12 0 15 10 12 59 10 1 48 8 14 27 7 3 11 6 15 55 5 4 39 4 17 23	15 9 13 14 0 2 14 11 47 12 20 52 12 4 11 10 10 51 9 17 57 8 2 32 6 13 30 6 3 24 4 20 5 4 14 48	1210. C. 2 0 48	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	11 12 28 10 1 12 11 13 57 10 2 41 9 15 25 8 4 9 7 16 53 6 5 37 4 18 21 4 7 5 2 19 49 { 2 8 33 31 21 17	11 6 21 9 22 15 11 14 45 10 7 0 9 22 13 8 11 49 7 28 47 6 10 27 4 20 29 4 6 33 2 17 2 2 4 6 31 15 48
1212. E. 1 13 11	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	3 6 7 1 18 51 3 7 35 1 20 19 { 1 9 3 30 21 47 29 10 31 28 23 15 27 11 59 26 0 43 25 13 27 24 2 11 23 14 55	3 10 5 2 4 20 3 20 18 2 9 18 1 19 32 31 3 45 29 11 1 28 18 26 27 2 55 25 13 15 25 1 54 23 16 57 23 9 56	1209. B.A. 1 6 37	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	30 10 1 28 22 45 29 11 29 28 0 13 27 12 57 26 1 41 25 14 25 24 3 9 22 15 53 22 4 37 20 17 21 20 6 5	30 4 13 28 17 33 29 7 51 27 22 53 27 14 22 26 5 26 25 19 38 24 8 47 22 21 2 22 8 37 20 19 45 20 6 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 1208. G. April. <i>d. h. m.</i> 1 12 26		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1205. D.C. April. <i>d. h. m.</i> 1 5 52		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	18 18 49	18 17 0		JAN. .	16 9 59	16 23 16
	FEB. .	17 7 33	17 3 23		FEB. .	14 22 43	15 11 18
	MAR. .	18 20 18	18 14 14		MAR. .	{ 15 11 23	15 20 47
	APRIL	17 9 2	17 2 5		○	{ 30 5 50	30 4 50
	MAY .	16 21 46	16 15 25		APRIL	14 0 12	14 4 25
	JUNE .	15 10 30	15 6 11		MAY .	13 12 56	13 11 11
	JULY .	14 23 14	14 21 59		JUNE .	12 1 40	11 18 11
	AUG. .	13 11 58	13 14 7		JULY .	11 14 24	11 2 31
	SEPT. .	12 0 42	12 5 48		AUG. .	10 3 8	9 13 12
	OCT. .	11 13 26	11 20 32		SEPT. .	{ 8 15 52	8 2 53
	NOV. .	10 2 10	10 10 1		○	{ 23 10 14	23 13 40
	DEC. .	9 14 54	9 22 9		OCT. .	8 4 36	7 19 34
					NOV. .	6 17 20	6 14 27
1207. F.	JAN. .	8 3 38	8 8 57		DEC. .	6 6 4	6 10 3
	FEB. .	6 16 22	6 18 36				
	MAR. .	8 5 7	8 3 29	1204.	JAN. .	4 18 48	5 4 40
1 18 15	APRIL	{ 6 17 51	6 12 16		FEB. .	3 7 32	3 20 55
	○	{ 21 12 13	22 0 1		MAR. .	4 20 17	5 10 7
	MAY .	6 6 35	5 21 54	1 11 41	APRIL	3 9 1	3 20 21
	JUNE .	4 19 19	4 9 12		MAY .	2 21 45	3 4 24
	JULY .	4 8 3	3 22 44		JUNE .	{ 1 10 29	1 11 15
	AUG. .	2 20 47	2 14 26		○	{ 30 23 13	30 18 3
	SEPT. .	{ 1 9 31	1 11 19		JULY .	30 11 57	30 1 52
	○	{ 30 22 15	1 1 28		AUG. .	29 0 41	28 11 41
	OCT. .	{ 15 16 37	15 6 49		SEPT. .	27 13 25	27 0 9
	NOV. .	{ 30 10 59	30 13 35		OCT. .	27 2 9	26 15 31
	DEC. .	28 23 43	29 10 7		NOV. .	25 14 53	25 9 19
		28 12 27	28 23 33		DEC. .	25 3 37	25 4 28
1206. E	JAN. .	27 1 11	27 10 45	1203. A.	JAN. .	23 16 21	23 23 13
	FEB. .	25 13 55	25 20 1		○	{ 7 10 43	7 10 16
	MAR. .	27 2 39	27 3 57		FEB. .	{ 22 5 5	22 16 20
	○	{ 10 21 1	11 4 24		MAR. .	23 17 49	24 6 46
2 0 4	APRIL	{ 25 15 23	25 11 23	1 17 30	APRIL	22 6 33	22 13 9
	MAY .	25 4 7	24 19 19		MAY .	21 19 17	22 3 28
	JUNE .	23 16 51	23 4 52		JUNE .	20 8 1	20 11 10
	JULY .	23 5 35	22 16 54		JULY .	19 20 45	19 18 32
	AUG. .	21 18 19	21 5 47		○	{ 3 15 7	3 12 3
	SEPT. .	20 7 3	20 1 12		AUG. .	{ 18 9 29	18 2 31
	○	{ 5 1 25	4 22 7		SEPT. .	16 22 13	16 12 1
	OCT. .	{ 19 19 47	19 20 6		OCT. .	16 10 57	15 23 34
	NOV. .	18 8 31	18 14 59		NOV. .	14 23 41	14 18 23
	DEC. .	17 21 15	18 8 23		DEC. .	14 12 25	14 5 22

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1202. g. April. <i>d. h. m.</i> 1 23 19		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1199. c. April. <i>d. h. m.</i> 1 16 46		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 13 1 9	12 22 47		JAN. .	9 16 19	9 16 8
	○	{ 27 19 31	28 2 33		FEB. .	8 5 3	8 2 17
	FEB. .	11 13 53	11 16 43		MAR. .	9 17 48	9 12 34
	MAR. .	13 2 38	13 9 53		APRIL	8 6 32	7 23 34
	APRIL	11 15 22	12 1 16		MAY .	{ 7 19 16	7 11 55
	MAY .	11 4 6	11 14 23		○	{ 22 13 38	22 19 47
	JUNE .	9 16 50	10 1 16		JUNE .	6 8 0	6 1 54
	JULY .	{ 9 5 34	9 10 33		JULY .	5 20 44	5 17 19
	○	{ 23 23 56	23 12 55		AUG. .	4 9 28	4 9 34
	AUG. .	7 18 18	7 19 10		SEPT. .	2 22 12	3 1 49
	SEPT. .	6 7 2	6 3 59		OCT. .	{ 2 10 56	2 17 22
	OCT. .	5 19 46	5 13 43		○	{ 31 23 40	1 7 45
	NOV. .	4 8 30	4 0 43		NOV. .	{ 15 18 2	15 8 21
	DEC. .	3 21 14	3 13 8		DEC. .	{ 30 12 24	30 20 41
						80 1 8	30 8 7
1201. F.E.	JAN. ○	{ 2 9 58	2 2 58	1198. B.	JAN. .	28 13 52	28 18 9
		{ 17 4 20	17 16 53		FEB. .	27 2 36	27 3 7
	FEB. .	...	...		MAR. .	28 15 20	28 11 37
	MAR. .	{ 1 11 26	1 10 3		APRIL	27 4 4	26 20 31
		{ 31 0 10	31 2 13		○	{ 11 22 26	12 9 1
1 5 8	APRIL	29 12 54	29 13 1	1 22 35	MAY .	{ 26 16 48	26 6 44
	MAY .	29 1 38	29 8 33		JUNE .	25 5 32	24 19 3
	JUNE .	27 14 22	27 21 28		JULY .	24 18 16	24 9 46
	○	{ 12 8 44	11 19 50		AUG. .	23 7 0	23 2 30
	JULY .	{ 27 3 6	27 8 57		SEPT. .	21 19 44	21 20 23
	AUG. .	25 15 50	25 19 30		OCT. .	21 8 28	21 14 11
	SEPT. .	24 4 34	24 5 44		○	{ 5 2 50	4 17 13
	OCT. .	23 17 18	23 16 8		NOV. .	{ 19 21 12	20 6 48
	NOV. .	22 6 2	22 2 58		DEC. .	19 9 56	19 21 24
	DEC. .	21 18 46	21 14 14				
1200. D.	JAN. .	20 7 30	20 2 3	1197. A.G.	JAN. .	17 22 40	18 9 39
	FEB. .	18 20 14	18 14 36		FEB. .	16 11 24	16 19 42
	MAR. .	20 8 59	20 4 9		MAR. .	17 0 9	17 4 4
1 10 57	APRIL	18 21 43	18 18 40	1 4 24	APRIL	15 12 53	15 11 28
	MAY .	18 10 27	18 9 53		MAY .	15 1 37	14 18 53
	JUNE .	16 23 11	17 1 15		JUNE .	13 14 21	13 3 25
	JULY .	16 11 55	16 16 8		JULY .	13 3 5	12 14 6
	AUG. .	15 0 39	15 6 5		AUG. .	11 15 49	11 3 37
	SEPT. .	13 13 23	13 19 3		SEPT. .	10 4 33	9 19 38
	OCT. .	13 2 7	13 7 12		OCT. .	9 17 17	9 14 26
	NOV. .	{ 11 14 51	11 18 42		NOV. .	8 6 1	8 9 39
	○	{ 26 9 13	26 6 36		DEC. .	7 18 45	8 4 3
	DEC. .	11 3 35	11 5 40				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
1196.	JAN. .	6 7 30	6 20 21	1193.	JAN. .	3 22 39	3 17 57
F.	FEB. .	4 20 14	5 9 42	c.B.	FEB. .	2 11 23	2 11 31
April.	MAR. .	{ 6 8 58	6 20 17	April.	MAR. .	3 0 8	3 4 59
<i>d. h. m.</i>	○	{ 21 3 20	21 0 31	<i>d. h. m.</i>	APRIL	1 12 52	1 21 15
1 10 13	APRIL	4 21 42	5 4 36	1 3 39	MAY .	{ 1 1 36	1 11 31
	MAY .	4 10 26	4 11 35			{ 30 14 20	30 23 33
	JUNE .	2 23 10	2 18 17		JUNE .	29 3 4	29 9 42
	JULY .	2 11 54	{ 2 1 50		JULY .	28 15 48	28 18 45
	AUG. .	{ 1 0 38	{ 31 11 16		AUG. .	27 4 32	27 3 37
	○	{ 30 13 22	29 23 29		SEPT. .	25 17 16	25 13 2
	SEPT. .	{ 14 7 44	14 12 18		OCT. .	25 6 0	24 23 27
	○	{ 29 2 6	28 14 49		NOV. .	23 13 44	23 11 9
	OCT. .	28 14 50	28 8 47		DEC. .	23 7 28	23 0 7
	NOV. .	27 3 34	27 4 15		○	{ 7 1 50	7 14 39
	DEC. .	26 16 18	26 23 33	1192.	JAN. .	{ 21 20 12	21 14 23
1195.	JAN. .	25 5 2	25 17 4	A.	FEB. .	20 8 56	20 5 41
E.	FEB. .	23 17 46	24 7 43		MAR. .	21 21 40	21 21 37
	○	{ 10 12 8	10 6 16	1 9 23	APRIL	20 10 24	20 13 33
1 16 2	MAR. .	{ 25 6 30	25 19 18		MAY .	19 23 8	20 4 44
	APRIL	23 19 14	24 4 17		JUNE .	18 11 52	18 18 36
	MAY .	23 7 58	23 11 36		○	{ 3 6 14	2 18 31
	JUNE .	21 20 42	21 18 20		JULY .	{ 18 0 36	18 7 0
	JULY .	21 9 26	21 1 37		AUG. .	16 13 20	16 18 13
	AUG. .	19 22 10	19 10 26		SEPT. .	15 2 4	15 4 48
	○	{ 3 16 32	3 21 42		OCT. .	14 14 48	14 15 17
	SEPT. .	{ 18 10 54	17 21 37		NOV. .	13 3 32	13 1 59
	OCT. .	17 23 38	17 11 36		DEC. .	{ 12 16 16	12 12 58
	NOV. .	16 12 22	16 4 15		○	{ 27 10 38	27 20 29
	DEC. .	16 1 6	15 22 44	1191.	JAN. .	11 5 0	11 0 20
1194.	JAN. .	14 13 50	14 17 46	G.	FEB. .	9 17 44	9 12 13
D.	FEB. .	{ 13 2 34	13 11 45		MAR. .	11 6 29	11 0 55
	○	{ 27 20 56	27 18 53	1 15 17	APRIL	9 19 13	9 14 42
1 21 50	MAR. .	14 15 19	15 3 30		MAY .	9 7 57	9 5 27
	APRIL	13 4 3	13 16 26		JUNE .	{ 7 20 41	7 20 48
	MAY .	12 16 47	13 2 43		○	{ 22 15 3	22 9 52
	JUNE .	11 5 31	11 11 7		JULY .	7 9 25	7 12 9
	JULY .	10 18 15	10 18 38		AUG. .	5 22 9	6 2 51
	AUG. .	{ 9 6 59	9 2 22		SEPT. .	4 10 53	4 16 38
	○	{ 24 1 21	24 0 7		OCT. .	3 23 37	4 5 26
	SEPT. .	7 19 43	7 11 12		NOV. .	2 12 21	2 17 26
	OCT. .	7 8 27	6 21 47		DEC. ○	{ 2 1 5	2 4 43
	NOV. .	5 21 11	5 7 29			{ 16 19 27	16 20 18
	DEC. .	5 9 55	5 1 20			{ 31 13 49	31 15 21

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1190. F. April. <i>d. h. m.</i> 1 21 6		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1187. B. April. <i>d. h. m.</i> 1 14 32		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	30 2 33	30 1 26		JAN. .	26 17 43	27 7 25
	FEB. .	28 15 17	28 11 19		FEB. .	25 6 27	25 19 16
	MAR. .	30 4 1	29 21 36		MAR. .	26 19 11	27 4 30
	APRIL .	28 16 45	28 8 58		○	{ 10 13 33	10 11 33
	MAY .	28 5 29	27 21 59		APRIL .	{ 25 7 55	25 11 57
	○	{ 11 23 51	12 3 5		MAY .	24 20 39	24 18 37
	JUNE .	{ 26 18 13	26 12 44		JUNE .	23 9 23	23 1 35
	JULY .	26 6 57	26 4 47		JULY .	22 22 7	22 10 1
	AUG. .	24 19 41	24 21 21		AUG. .	21 10 51	20 20 51
	SEPT. .	23 8 25	23 13 38		SEPT. .	19 23 35	19 10 40
	OCT. .	22 21 9	23 4 55		○	{ 4 17 57	4 22 12
	NOV. .	21 9 53	21 18 45		OCT. .	{ 19 12 19	19 3 29
	DEC. .	20 22 37	21 6 58		NOV. .	18 1 3	17 22 24
					DEC. .	17 13 47	17 17 59
1189. E.D. 1 2 55	JAN. .	19 11 21	19 17 35	1186. A. 1 20 21	JAN. .	16 2 31	16 12 30
	FEB. .	18 0 5	18 2 51		FEB. .	14 15 15	15 4 35
	MAR. .	18 12 50	18 11 18		MAR. .	16 4 0	16 17 38
	APRIL .	17 1 34	16 19 40		APRIL .	14 16 44	15 3 46
	○	{ 1 19 56	2 6 58		MAY .	14 5 28	14 11 47
	MAY .	{ 16 14 18	16 4 56		JUNE .	12 18 12	12 18 42
	JUNE .	15 3 2	14 16 2		JULY .	12 6 56	12 1 41
	JULY .	14 15 46	14 5 33		AUG. .	10 19 40	10 9 44
	AUG. .	13 4 30	12 21 26		SEPT. .	9 8 24	8 19 47
	SEPT. .	11 17 14	11 15 5		OCT. .	8 21 8	8 8 23
	OCT. .	{ 11 5 58	11 9 19		NOV. .	7 9 52	6 23 45
	○	{ 26 0 20	25 15 32		DEC. .	6 22 36	6 17 23
	NOV. .	9 18 42	10 2 51				
	DEC. .	9 7 26	9 18 37				
1188. 1 8 43	JAN. .	7 20 10	8 8 4	1185. G.F. 1 2 10	JAN. .	5 11 20	5 12 1
	FEB. .	6 8 54	6 19 4		FEB. .	{ 4 0 4	4 6 41
	MAR. .	7 21 39	8 4 4		○	{ 18 18 26	18 18 29
	APRIL .	{ 6 10 23	6 11 39		MAR. .	4 12 49	4 23 34
	○	{ 21 4 45	21 11 2		APRIL .	3 1 33	3 13 52
	MAY .	5 23 7	5 18 48		MAY .	2 14 17	3 1 26
	JUNE .	4 11 51	4 2 34		○	{ 1 3 1	1 10 42
	JULY .	4 0 35	3 12 2		JUNE .	{ 30 15 45	30 18 40
	AUG. .	2 13 19	{ 2 0 6		JULY .	30 4 29	30 2 21
			{ 31 15 10		○	{ 13 22 51	13 18 3
	SEPT. .	{ 1 2 3	30 8 50		AUG. .	{ 28 17 13	28 10 43
	○	{ 30 14 47	30 8 50		SEPT. .	27 5 57	26 20 31
	OCT. .	{ 15 9 9	15 6 54		OCT. .	26 18 41	26 8 11
	NOV. .	{ 30 3 31	30 4 0		NOV. .	25 7 25	24 21 56
	DEC. .	28 16 15	28 23 7		DEC. .	24 20 9	24 13 33
		28 4 59	28 16 36				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
1184.	JAN. .	23 8 53	23 6 31	1181.	JAN. .	21 0 3	21 0 45
E.	○	{ 7 3 15	7 10 57	B.A.	FEB. .	19 12 47	19 10 26
	FEB. .	{ 21 21 37	21 23 56	April.	MAR. .	20 1 31	19 20 9
April.	MAR. .	23 10 21	23 16 43	<i>d. h. m.</i>	APRIL	18 14 15	18 6 40
<i>d. h. m.</i>	APRIL	21 23 5	22 8 0	1 1 25	MAY .	18 2 59	17 18 38
1 7 58	MAY .	21 11 49	21 21 11		○	{ 1 21 21	2 8 7
	JUNE .	20 0 33	20 8 22		JUNE .	{ 16 15 43	16 8 27
	JULY .	19 13 17	19 18 5		JULY .	16 4 27	15 23 59
	○	{ 3 7 39	2 19 58		AUG. .	14 17 11	14 16 35
	AUG. .	{ 18 2 1	18 3 9		SEPT. .	13 5 55	13 9 24
	SEPT. .	16 14 45	16 14 26		OCT. .	12 18 39	13 1 32
	OCT. .	16 3 29	15 22 29		Nov. .	{ 11 7 23	11 16 20
	Nov. .	14 16 13	14 9 35		○	{ 26 1 45	25 16 41
	DEC. .	14 4 57	13 21 49		DEC. .	10 20 7	11 5 27
1183.	JAN. .	{ 12 17 41	12 11 12				
D.	○	{ 27 12 3	28 1 8	1180.	JAN. .	9 8 51	9 16 48
	FEB. .	11 6 25	11 1 43	G.	FEB. .	7 21 35	8 2 38
	MAR. .	12 19 10	12 17 7		MAR. .	9 10 20	9 11 8
1 18 47	APRIL	11 7 54	11 8 57	1 7 14	APRIL	7 23 4	7 19 12
	MAY .	10 20 38	11 0 21		MAY .	{ 7 11 48	7 3 48
	JUNE .	9 9 22	9 15 11		○	{ 22 6 10	22 16 1
	JULY .	{ 8 22 6	9 4 29		JUNE .	6 0 32	5 18 40
	○	{ 23 16 23	23 3 14		JULY .	5 13 16	5 1 54
	AUG. .	7 10 50	7 16 31		AUG. .	4 2 0	3 16 48
	SEPT. .	5 23 34	6 3 38		SEPT. .	2 14 44	2 9 45
	OCT. .	5 12 18	5 14 21		OCT. .	{ 2 3 28	2 4 2
	Nov. .	4 1 2	4 1 4			{ 31 16 12	31 22 18
	DEC. .	3 13 46	3 11 55		○	{ 15 10 34	15 1 59
1182.	JAN. .	{ 2 2 30	1 22 58		Nov. .	{ 30 4 56	30 15 13
C.		{ 31 15 14	31 10 17		DEC. .	29 17 40	30 5 54
	FEB. .	...	...	1179.	JAN. .	28 6 24	28 18 3
	MAR. .	{ 2 3 59	1 22 15	F.	FEB. .	26 19 8	27 3 50
1 19 36		{ 31 16 43	31 11 11		MAR. .	28 7 53	28 11 52
	APRIL	30 5 27	30 1 15	1 13 3	APRIL	26 20 37	26 18 58
	MAY .	29 18 11	29 16 20		MAY .	26 9 21	26 2 12
	JUNE .	28 6 55	28 7 50		JUNE .	24 22 5	24 10 39
	JULY .	27 19 39	27 23 7		JULY .	24 10 49	23 21 20
	AUG. .	26 8 23	26 13 39		AUG. .	22 23 33	22 10 58
	SEPT. .	24 21 7	25 3 15		SEPT. .	21 12 17	21 3 32
	OCT. .	24 9 51	24 15 53		OCT. .	21 1 1	20 22 15
	Nov. .	22 22 35	23 3 38		Nov. .	19 13 45	19 17 42
	○	{ 7 16 57	7 14 36		DEC. .	19 2 29	19 12 12
	DEC. .	{ 22 11 19	22 14 33				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
1178.				1175.			
E.				A.			
	JAN. .	17 15 13	18 4 25	April.	JAN. .	14 6 23	14 1 51
	FEB. .	16 3 57	16 17 41	<i>d. h. m.</i>	FEB. .	12 19 7	12 18 54
	MAR..	17 16 41	18 4 2	1 12 18	MAR..	14 7 51	14 11 55
April.	○	{ 1 11 3	1 7 24		APRIL	12 20 35	13 3 56
<i>d. h. m.</i>	APRIL	{ 16 5 25	16 12 11		MAY .	12 9 19	12 18 13
1 18 51	MAY .	15 18 9	15 19 2		JUNE .	10 22 3	11 6 29
	JUNE .	14 6 53	14 1 43		JULY .	10 10 47	10 17 2
	JULY .	13 19 37	13 9 21		AUG. .	8 23 31	9 2 34
	AUG. .	12 8 21	11 18 57		SEPT. .	7 12 15	7 11 54
	SEPT. .	{ 10 21 5	10 7 19		OCT. .	7 0 59	6 21 42
	○	{ 25 15 27	25 20 37		NOV. .	5 13 43	5 8 19
	OCT. .	10 9 49	9 22 44		DEC. .	5 2 27	4 19 57
	NOV. .	8 22 33	8 16 47				
	DEC. .	8 11 17	8 12 12	1174.	JAN. .	{ 3 15 11	3 8 35
				G.	○	{ 18 9 33	18 22 55
1177.	JAN. .	7 0 1	7 7 23		FEB. .	2 3 55	1 22 16
D.C.	FEB. .	5 12 45	6 0 43		MAR..	3 16 40	3 12 58
	MAR..	{ 6 1 30	6 15 15	1 18 7	APRIL	2 5 24	2 4 24
	○	{ 20 19 52	20 13 43		MAY .	{ 1 18 8	1 20 4
1 0 40	APRIL	4 14 14	5 2 43		○	{ 81 6 52	31 11 16
	MAY .	4 2 58	4 11 39		JUNE .	29 19 36	30 1 26
	JUNE .	2 15 42	2 19 0		○	{ 14 13 58	14 1 57
	JULY .	{ 2 4 26	2 1 55		JULY .	{ 29 8 20	29 14 19
	○	{ 31 17 10	31 9 26		AUG. .	27 21 4	28 2 8
	AUG. .	30 5 54	29 18 32		SEPT. .	26 9 48	26 13 15
	○	{ 14 0 16	14 5 27		OCT. .	25 22 32	26 0 7
	SEPT. .	{ 28 18 38	28 5 54		NOV. .	24 11 16	24 10 53
	OCT. .	23 7 22	27 19 56		DEC. .	24 0 0	23 21 49
	NOV. .	26 20 6	26 12 27				
	DEC. .	26 8 50	26 6 41	1173.	○	{ 7 18 22	8 4 25
1176.	JAN. .	24 21 34	25 1 20	F.E.	JAN. .	{ 22 12 44	22 8 47
B.	FEB. .	23 10 18	23 19 0	March	FEB. .	21 1 28	20 20 6
	○	{ 10 4 40	10 2 55	31 23 56	MAR..	21 14 12	21 8 12
	MAR..	{ 24 23 3	25 10 35		APRIL	20 2 56	19 21 26
1 6 29	APRIL	23 11 47	23 23 28		MAY .	19 15 40	19 11 56
	MAY .	23 0 31	23 9 52		JUNE .	18 4 24	18 3 17
	JUNE .	21 13 15	21 18 28		○	{ 2 22 46	2 17 25
	JULY .	21 1 59	21 2 21		JULY .	{ 17 17 8	17 18 55
	AUG. .	19 14 43	19 10 27		AUG. .	16 5 52	16 10 9
	○	{ 3 9 5	3 7 24		SEPT. .	14 18 36	15 0 33
	SEPT. .	{ 18 3 27	17 19 38		OCT. .	14 7 20	14 13 56
	OCT. .	17 16 11	17 6 26		NOV. .	12 20 4	13 2 16
	NOV. .	16 4 55	15 19 8		DEC. .	{ 12 8 48	12 13 39
	DEC. .	15 17 39	15 9 42		○	{ 27 3 10	27 4 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1172. d. April. d. h. m. 1 5 44		d. h. m.	d. h. m.	B.C. 1169. A.G. March. d. h. m. 31 23 11		d. h. m.	d. h. m.
	JAN. .	10 21 32	11 0 5		JAN. .	8 12 42	9 0 40
	FEB. .	9 10 16	9 9 46		FEB. .	7 1 26	7 15 23
	MAR. .	10 23 1	10 19 9		MAR. .	7 14 11	8 3 4
	APRIL	9 11 45	9 4 55		APRIL	{ 6 2 55	6 12 7
	MAY .	9 0 29	8 15 51		○	{ 20 21 17	20 18 12
	JUNE .	{ 7 13 13	7 4 38		MAY .	5 15 39	5 19 25
	○	{ 22 7 35	22 10 32		JUNE .	4 4 23	4 2 3
	JULY .	7 1 57	6 19 22		JULY .	3 17 7	3 9 8
	AUG. .	5 14 41	5 11 40		AUG. .	{ 2 5 51	1 17 42
	SEPT. .	4 3 25	4 4 43		{ 31 18 35	31 4 41	
	OCT. .	3 16 9	3 21 35		SEPT. .	30 7 19	29 18 39
	NOV. .	2 4 53	2 13 21		○	{ 15 1 41	15 6 48
	DEC. .	{ 1 17 37	2 3 28		OCT. .	{ 29 20 3	29 11 32
		{ 31 6 21	31 15 42		NOV. .	28 8 47	28 6 25
					DEC. .	27 21 31	28 1 51
1171. C.	JAN. .	29 19 5	30 2 6	1168. F.	JAN. .	26 10 15	26 20 11
	FEB. .	28 7 49	28 11 0		FEB. .	24 22 59	25 12 5
	MAR. .	29 20 34	29 19 2		MAR. .	26 11 44	27 1 1
1 11 33	APRIL	28 9 13	28 3 0	April. 1 5 0	APRIL	25 0 28	25 11 6
	MAY .	27 22 2	27 12 0		MAY .	24 13 12	24 19 8
	JUNE .	26 10 46	25 22 57		JUNE .	23 1 56	23 2 13
	JULY .	25 23 30	25 12 29		JULY .	22 14 40	22 9 27
	AUG. .	24 12 14	24 4 36		AUG. .	21 3 21	20 17 46
	SEPT. .	23 0 58	22 22 36		SEPT. .	19 16 8	19 4 3
	OCT. .	22 13 42	22 17 15		OCT. .	19 4 52	18 16 47
	○	{ 6 8 4	6 0 20		NOV. .	17 17 36	17 8 5
	NOV. .	{ 21 2 26	21 11 8		DEC. .	17 6 20	17 1 27
	DEC. .	20 15 10	21 3 5				
1170. B.	JAN. .	19 3 54	19 16 28	1167. E.	JAN. .	15 19 4	15 19 52
	FEB. .	17 16 38	18 3 17		FEB. .	14 7 48	14 14 1
	MAR. .	19 5 22	19 11 57		○	{ 1 2 10	1 2 36
1 17 22	APRIL	17 18 6	17 19 14		MAR. .	{ 15 20 32	16 6 37
	○	{ 2 12 28	2 17 34	1 10 49	APRIL	14 9 16	14 20 50
	MAY .	{ 17 6 50	17 2 11		MAY .	13 22 0	14 8 27
	JUNE .	15 19 34	15 9 49		JUNE .	12 10 44	12 17 57
	JULY .	15 8 13	14 19 18		JULY .	11 23 28	12 2 13
	AUG. .	13 21 2	13 7 23		AUG. .	{ 10 12 12	10 10 13
	SEPT. .	12 9 46	11 22 41		○	{ 25 6 34	25 2 12
	OCT. .	{ 11 22 30	11 16 35		SEPT. .	9 0 56	8 19 3
	○	{ 26 16 52	26 15 44		OCT. .	8 13 40	8 5 7
	NOV. .	10 11 14	10 11 57		NOV. .	7 2 24	6 16 53
	DEC. .	9 23 58	10 7 11		DEC. .	6 15 8	6 6 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
1166.				1163.			
D.				G.			
April.				April.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
1 16 87				1 10 4			
	JAN. .	5 3 52	4 21 40		JAN. .	{ 1 19 2	1 23 23
	FEB. .	{ 3 16 36	3 14 5			{ 31 7 46	31 9 14
	○	{ 18 10 58	18 19 12		FEB. .	...	...
	MAR. .	5 5 21	5 7 0		MAR. .	{ 1 20 31	1 18 29
	APRIL	3 13 5	3 23 29			{ 31 9 15	31 3 40
	MAY .	3 6 49	3 14 39		APRIL	29 21 59	29 13 42
	JUNE .	1 19 33	2 3 59		MAY .	29 10 43	29 1 22
	JULY .	{ 1 8 17	1 15 31		○	{ 13 5 5	13 10 29
	○	{ 30 21 1	31 1 42		JUNE .	{ 27 23 27	27 15 5
	AUG. .	{ 14 15 23	14 3 17		JULY .	27 12 11	27 6 46
	SEPT. .	{ 29 9 45	29 11 17		AUG. .	26 0 55	25 23 46
	OCT. .	27 22 29	27 21 1		SEPT. .	24 13 39	24 17 7
	NOV. .	27 11 13	27 7 20		OCT. .	24 2 23	24 9 47
	DEC. .	25 23 57	25 18 27		NOV. .	22 15 7	23 0 56
		25 12 41	25 6 27		○	{ 7 9 29	7 1 3
					DEC. .	{ 22 3 51	22 14 11
1165.	JAN. .	24 1 25	23 19 21	1162.	JAN. .	20 16 35	21 1 24
C.B.	○	{ 7 19 47	8 9 16	F.	FEB. .	19 5 19	19 10 49
March.	FEB. .	{ 22 14 9	22 9 16		MAR. .	20 18 4	20 19 0
31 22 26	MAR. .	23 2 54	23 0 5		APRIL	19 6 48	19 2 41
	APRIL	21 15 33	21 15 32	1 15 53	MAY .	18 19 32	18 10 55
	MAY .	21 4 22	21 6 59		○	{ 2 13 54	2 23 0
	JUNE .	19 17 6	19 21 49		JUNE .	{ 17 8 16	16 20 41
	JULY .	19 5 50	19 11 35		JULY .	16 21 0	16 8 53
	○	{ 3 0 12	2 10 47		AUG. .	15 9 44	14 23 50
	AUG. .	{ 17 18 34	18 0 11		SEPT. .	13 22 23	13 17 10
	SEPT. .	16 7 18	16 11 53		OCT. .	13 11 12	13 11 51
	OCT. .	15 20 2	15 23 4		NOV. .	{ 11 23 56	12 6 26
	NOV. .	14 8 46	14 10 2		○	{ 26 18 18	26 10 48
	DEC. .	13 21 30	13 20 51		DEC. .	11 12 40	11 23 34
1164.	JAN. .	12 10 14	12 7 35	1161.	JAN. .	10 1 24	10 14 18
A.	FEB. .	10 22 58	10 18 26	E.D.	FEB. .	8 14 8	9 2 18
April.	MAR. .	12 11 42	12 5 47	March.	MAR. .	9 2 52	9 11 48
1 4 15	APRIL	11 0 26	10 18 9	31 21 42	APRIL	7 15 36	7 19 32
	MAY .	10 13 10	10 7 50		MAY .	7 4 20	7 2 25
	JUNE .	9 1 54	8 22 45		JUNE .	5 17 4	5 9 31
	JULY .	8 14 38	8 14 26		JULY .	5 5 48	4 17 57
	AUG. .	7 3 22	7 6 11		AUG. .	3 18 32	3 4 44
	SEPT. .	5 16 6	5 21 20		SEPT. .	2 7 16	1 18 29
	OCT. .	5 4 50	5 11 31		○	{ 1 20 0	1 11 14
	NOV. .	3 17 34	4 0 35			{ 31 8 44	31 6 8
	DEC. .	{ 3 6 18	3 12 32		NOV. .	29 21 28	30 1 41
	○	{ 18 0 40	17 22 32		DEC. .	29 10 12	29 20 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1160.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1157.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	27 22 56	28 12 22	G.F.	JAN. .	25 14 6	25 9 40
	FEB. .	26 11 40	27 1 29	March.	FEB. .	24 2 50	24 2 8
c.	MAR. .	28 0 25	28 11 41	<i>d. h. m.</i>	MAR. .	24 15 35	24 18 45
April.	○	{ 11 18 47	11 14 14	31 20 56	APRIL	23 4 19	23 10 34
<i>d. h. m.</i>	APRIL	{ 26 13 9	27 0 41		MAY .	22 17 3	23 0 54
1 3 30	MAY .	26 1 53	26 2 29		JUNE .	21 5 47	21 13 27
	JUNE .	24 14 37	24 9 14		JULY .	20 18 31	21 0 27
	JULY .	24 3 21	23 17 0		AUG. .	19 7 15	19 10 31
	AUG. .	22 16 5	22 2 46		SEPT. .	17 19 59	17 20 20
	SEPT. .	21 4 49	20 15 18		OCT. .	17 8 43	17 6 29
	○	{ 5 23 11	6 5 3		NOV. .	15 21 27	15 17 16
	OCT. .	{ 20 17 33	20 6 50		DEC. .	15 10 11	15 4 45
	NOV. .	19 6 17	19 0 50				
	DEC. .	18 19 1	18 20 7	1156.	JAN. .	{ 13 22 55	13 16 58
1159.	JAN. .	17 7 45	17 15 5	E.	○	{ 28 17 17	29 7 2
B.	FEB. .	15 20 29	16 8 14		FEB. .	12 11 39	12 6 4
	MAR. .	17 9 13	{ 17 22 36	April.	MAR. .	14 0 23	13 20 8
	○	{ 1 3 35	{ 31 21 4	1 2 45	APRIL	12 13 7	12 11 6
1 9 19	APRIL	{ 15 21 57	16 9 59		MAY .	12 1 51	12 2 31
	MAY .	15 10 41	15 18 56		JUNE .	10 14 35	10 17 46
	JUNE .	13 23 25	14 2 26		JULY .	{ 10 3 19	10 8 17
	JULY .	13 12 9	13 9 34		○	{ 24 21 41	24 9 28
	AUG. .	12 0 53	11 17 23		AUG. .	8 16 3	8 21 43
	SEPT. .	{ 10 13 37	10 2 44		SEPT. .	7 4 47	7 10 7
	○	{ 25 7 59	25 13 20		OCT. .	6 17 31	6 21 47
	OCT. .	10 2 21	9 14 13		NOV. .	5 6 15	5 9 1
	NOV. .	8 15 5	8 4 20		DEC. .	4 18 59	4 19 56
	DEC. .	8 3 49	7 20 38				
1158.	JAN. .	6 16 33	6 14 30	1155.	JAN. .	{ 3 7 43	3 6 35
A.	FEB. .	5 5 13	5 8 45	D.	○	{ 18 2 5	18 12 12
	MAR. .	{ 6 18 2	7 2 8		FEB. .	1 20 27	1 17 7
	○	{ 21 12 24	21 10 43		MAR. .	3 9 12	3 3 52
1 15 8	APRIL	5 6 46	5 17 31	1 8 34	APRIL	1 21 56	1 15 24
	MAY .	4 19 30	5 6 25		MAY .	{ 1 10 40	1 4 10
	JUNE .	3 8 14	3 16 58		JUNE .	{ 30 23 24	30 18 24
	JULY .	2 20 58	3 1 54		○	{ 14 6 30	14 1 4
	AUG. .	{ 1 9 42	1 10 9		JULY .	{ 29 0 52	29 1 43
	○	{ 30 22 26	30 18 40		AUG. .	27 13 36	27 17 36
	SEPT. .	{ 14 16 48	14 14 49		SEPT. .	26 2 20	26 8 35
	OCT. .	23 23 54	23 15 10		OCT. .	25 15 4	25 22 29
	NOV. .	27 12 38	27 3 47		NOV. .	24 3 48	24 11 8
	DEC. .	27 1 22	26 18 2		DEC. .	23 16 32	23 22 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
		d. h. m.	d. h. m.			d. h. m.	d. h. m.
B.C. 1154. C.	○	{ 7 10 54	7 11 56	B.C. 1151. F.	JAN. .	18 20 26	19 8 36
April.	JAN. .	{ 22 5 16	22 8 43	April.	FEB. .	17 9 10	17 23 12
d. h. m.	FEB. .	20 18 0	20 17 59	d. h. m.	MAR. .	18 21 55	19 10 43
1 14 28	MAR. .	22 6 45	22 2 51	1 7 49	APRIL	17 10 39	17 19 38
	APRIL	20 19 29	20 12 9	○	{ 2 5 1	2 0 48	
	MAY .	20 8 18	19 22 45	MAY .	{ 16 23 23	17 2 53	
	JUNE .	18 20 57	18 11 18	JUNE .	15 12 7	15 9 33	
	○	{ 8 15 19	8 18 4	JULY .	15 0 51	14 16 44	
	JULY .	{ 18 9 41	18 2 5	AUG. .	13 13 35	13 1 31	
	AUG. .	16 22 25	16 18 42	SEPT. .	12 2 19	11 12 41	
	SEPT. .	15 11 9	15 12 15	OCT. .	{ 11 15 3	11 2 47	
	OCT. .	14 28 53	15 5 37	○	{ 26 9 25	26 15 31	
	NOV. .	13 12 37	13 21 49	NOV. .	10 3 47	9 19 38	
	DEC. .	13 1 21	13 12 8	DEC. .	9 16 31	9 14 23	
1153. B.A. March.	JAN. .	11 14 5	12 0 20	1150. E.	JAN. .	8 5 15	8 9 37
31 29 12	FEB. .	10 2 49	10 10 29		FEB. .	6 17 59	7 3 42
	MAR. .	10 15 33	10 19 2	1 13 38	MAR. .	8 6 43	8 19 26
	APRIL	9 4 17	9 2 33		APRIL	6 19 27	7 8 15
	MAY .	8 17 1	8 10 19		MAY .	6 8 11	6 18 20
	JUNE .	7 5 45	6 19 4		JUNE .	4 20 55	5 2 26
	JULY .	6 18 29	6 5 57		JULY .	4 9 39	4 9 46
	AUG. .	5 7 13	4 19 34		AUG. .	2 22 23	2 17 17
	SEPT. .	3 19 57	3 11 55		SEPT. .	{ 1 11 7	1 1 56
	OCT. .	3 8 41	3 6 14		{ 30 23 51	30 12 27	
	NOV. .	{ 1 21 25	2 1 14		OCT. .	30 12 35	30 1 16
	○	{ 16 15 47	16 9 12		NOV. .	29 1 19	28 16 25
	DEC. .	{ 1 10 9	1 19 22		DEC. .	28 14 3	28 9 27
		{ 80 22 53	81 11 25				
1152. G.	JAN. .	29 11 37	30 0 43	1149. D.C.	JAN. .	27 2 47	27 3 26
April.	FEB. .	28 0 22	28 11 19	March.	FEB. .	25 15 31	25 21 11
1 2 1	MAR. .	29 13 6	29 19 42	31 19 27	○	{ 11 9 53	11 10 32
	APRIL	28 1 50	28 2 47		MAR. .	{ 26 4 16	26 13 34
	○	{ 12 20 12	13 0 3		APRIL	24 17 0	25 3 42
	MAY .	{ 27 14 34	27 9 34		MAY .	24 5 44	24 15 27
	JUNE .	26 8 18	25 17 12		JUNE .	22 13 28	23 1 14
	JULY .	25 16 2	25 2 43		JULY .	22 7 12	22 9 53
	AUG. .	24 4 46	23 15 0		AUG. .	20 19 56	20 18 22
	SEPT. .	22 17 30	22 6 23		○	{ 4 14 13	4 9 23
	OCT. .	22 6 14	22 0 26		SEPT. .	{ 19 8 40	19 3 32
	○	{ 6 0 36	6 0 41		OCT. .	18 21 24	18 13 46
	NOV. .	{ 20 18 53	20 19 55		NOV. .	17 10 8	17 1 49
	DEC. .	20 7 42	20 15 11		DEC. .	16 22 52	16 14 53

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1148. B. April. <i>d. h. m.</i> 1 1 16		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1145. F.E. March. <i>d. h. m.</i> 31 18 42		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	15 11 36	15 5 43		JAN. .	13 2 46	13 8 6
	FEB. .	{ 14 0 20	13 21 33		FEB. .	11 15 30	11 17 36
	○	{ 28 18 42	{ 1 3 17		MAR. .	12 4 14	12 2 21
	MAR. .	15 13 4	{ 15 13 57		APRIL	10 16 58	10 11 6
	APRIL	14 1 48	14 6 6		MAY .	10 5 42	9 20 42
	MAY .	13 14 32	13 21 13		JUNE .	{ 8 18 26	8 8 8
	JUNE .	12 3 16	12 10 47		○	{ 23 12 48	23 17 52
	JULY .	11 16 0	11 22 43		JULY .	8 7 10	7 21 48
	AUG. .	{ 10 4 44	10 9 24		AUG. .	6 19 54	6 13 41
	○	{ 24 23 6	24 10 34		SEPT. .	5 8 38	5 7 5
	SEPT. .	8 17 23	8 19 32		OCT. .	4 21 22	5 0 56
	OCT. .	8 6 12	8 5 42		NOV. .	3 10 6	3 18 2
	NOV. .	6 18 56	6 16 16		DEC. .	{ 2 22 50	3 9 31
	DEC. .	6 7 40	6 3 21		○	{ 17 17 12	17 9 24
1147. A. 1 7 5	JAN. .	4 20 24	4 15 2	1144. D. April. 1 0 31	JAN. .	{ 1 11 34	1 22 43
	FEB. .	{ 3 9 8	3 3 24		FEB. .	{ 31 0 18	31 9 50
	○	{ 18 3 30	18 17 12		MAR. .	...	...
	MAR. .	4 21 53	4 16 41		APRIL	{ 1 13 3	1 18 57
	APRIL	3 10 37	3 6 57		MAY .	{ 31 1 47	31 2 45
	MAY .	2 23 21	2 22 2		JUNE .	29 14 31	29 10 7
	JUNE .	1 12 5	1 13 25		○	29 3 15	28 18 6
	JULY .	{ 1 0 49	1 4 30		JULY .	{ 12 21 37	13 5 56
	○	{ 30 13 33	30 18 44		AUG. .	{ 27 15 59	27 3 46
	AUG. .	{ 14 7 55	13 18 27		SEPT. .	27 4 43	26 15 58
	SEPT. .	{ 29 2 17	29 7 56		OCT. .	25 17 27	25 7 4
	OCT. .	27 15 1	27 20 13		NOV. .	24 6 11	24 0 40
	NOV. .	27 3 45	27 7 51		DEC. .	23 18 55	23 19 41
	DEC. .	25 16 29	25 19 0		○	22 7 39	22 14 34
		25 5 13	25 5 44			{ 7 2 1	6 19 35
1146. G. 1 12 54	JAN. .	23 17 57	23 16 7	1143. C. 1 6 20	JAN. .	{ 21 20 23	22 7 50
	FEB. .	22 6 41	22 2 25		FEB. .	20 9 7	20 22 32
	MAR. .	23 19 26	23 13 12		MAR. .	18 21 51	19 10 21
	APRIL	22 8 10	22 1 4		APRIL	20 10 36	20 19 33
	MAY .	21 20 54	21 14 25		MAY .	18 23 20	19 3 8
	JUNE .	20 9 38	20 5 16		○	18 12 4	18 9 52
	JULY .	19 22 22	19 21 9		JUNE .	{ 2 6 26	2 10 46
	AUG. .	18 11 6	18 13 22		JULY .	{ 17 0 48	16 16 55
	SEPT. .	16 23 50	17 5 8		AUG. .	16 13 32	16 1 23
	OCT. .	16 12 34	16 19 53		SEPT. .	15 2 16	14 12 16
	NOV. .	15 1 18	15 9 21		OCT. .	13 15 0	13 2 11
	DEC. .	{ 14 14 2	14 21 25		NOV. .	13 3 44	12 19 4
	○	{ 29 8 24	29 6 27		DEC. .	11 16 23	11 14 4
						11 5 12	11 9 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 1142.	JAN. .	9 17 56	10 4 9	B.O. 1139.	JAN. .	6 9 6	6 2 18
B. April.	FEB. .	8 6 40	8 20 10	E. April.	FEB. .	4 21 50	4 17 22
<i>d. h. m.</i> 1 12 8	MAR. .	9 19 24	10 9 8	<i>d. h. m.</i> 1 5 35	MAR. .	6 10 34	6 9 17
	APRIL .	8 8 8	8 19 11		APRIL .	4 23 18	5 1 27
	MAY .	7 20 52	8 3 7		MAY .	4 12 2	4 17 6
	JUNE .	6 9 36	6 9 55		JUNE .	3 0 46	3 7 31
	JULY .	5 22 20	5 16 48		JULY .	2 13 30	2 20 26
	AUG. .	4 11 4	4 0 45		AUG. .	{ 1 2 14	1 7 57
	SEPT. .	2 23 48	2 10 45			{ 30 14 53	30 18 33
	OCT. .	{ 2 12 32	{ 1 23 26		SEPT. .	29 3 42	29 4 53
	○	{ 17 6 54	{ 17 13 34		OCT. .	28 16 26	28 15 22
	NOV. .	{ 1 1 16	{ 31 14 59		NOV. .	27 5 10	27 2 13
		{ 30 14 0	{ 30 8 53		DEC. .	26 17 54	26 13 29
	DEC. .	30 2 44	30 3 56				
1141. A.G. March.	JAN. .	28 15 28	28 22 39	1138. D.	JAN. .	25 6 33	25 1 14
31 17 57	FEB. .	27 4 12	27 15 34		○	{ 9 1 0	9 14 59
	MAR. .	27 16 57	28 5 48		FEB. .	{ 23 19 22	23 13 44
	○	{ 11 11 19	{ 11 4 21		MAR. .	25 8 7	25 3 14
	APRIL .	{ 26 5 41	{ 26 17 10	1 11 24	APRIL .	23 20 51	23 17 43
	MAY .	25 18 25	26 2 13		MAY .	23 9 35	23 8 56
	JUNE .	24 7 9	24 9 55		JUNE .	21 22 19	22 0 18
	JULY .	23 19 53	23 17 20		JULY .	21 11 3	21 15 14
	AUG. .	22 8 37	22 1 28		○	{ 5 5 25	4 17 9
	SEPT. .	20 21 21	20 11 9		AUG. .	{ 19 23 47	20 5 15
	○	{ 5 15 43	{ 5 21 17		SEPT. .	18 12 31	18 18 15
	OCT. .	{ 20 10 5	{ 19 22 51		OCT. .	18 1 15	18 6 26
	NOV. .	18 22 49	18 12 50		NOV. .	16 13 59	16 17 58
	DEC. .	18 11 33	18 4 50		DEC. .	16 2 43	16 4 53
1140. F. 31 23 46	JAN. .	17 0 17	16 22 15	1137. C.B.	JAN. .	{ 14 15 27	14 15 17
	FEB. .	15 13 1	15 16 3		○	{ 29 9 49	29 19 53
	MAR. .	{ 17 1 46	{ 17 9 5	March. 31 17 13	FEB. .	13 4 11	13 1 19
	○	{ 31 20 8	{ 31 18 25		MAR. .	13 16 56	13 11 32
	APRIL .	15 14 30	16 0 19		APRIL .	12 5 40	11 22 31
	MAY .	15 3 14	15 13 18		MAY .	11 18 24	11 10 53
	JUNE .	13 15 58	14 0 6		JUNE .	10 7 8	10 0 56
	JULY .	13 4 42	13 9 24		JULY .	{ 9 19 52	9 16 27
	AUG. .	11 17 26	11 18 4		○	{ 24 14 14	24 8 50
	SEPT. .	{ 10 6 10	{ 10 3 2		AUG. .	8 8 36	8 8 48
	○	{ 25 0 32	{ 24 22 20		SEPT. .	6 21 20	7 1 8
	OCT. .	9 18 54	9 12 54		OCT. .	6 10 4	6 16 44
	NOV. .	8 7 38	8 0 0		NOV. .	4 22 48	5 7 6
	DEC. .	7 20 22	7 12 28		DEC. .	4 11 32	4 19 59

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1136. A. March. d. h. m. 31 23 1	JAN. . ○ FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. { 3 0 16 17 18 38 1 13 0 3 1 44 1 14 28 { 1 3 12 30 15 56 29 4 40 { 13 23 2 28 17 24 27 6 8 25 18 52 25 7 36 23 20 20 23 9 4	d. h. m. 3 7 19 17 19 38 1 17 12 3 2 3 { 1 10 28 30 19 21 30 5 37 28 18 4 14 1 38 28 8 57 27 1 51 25 19 50 25 13 41 24 6 15 23 20 43	B.C. 1133. E. D. March. d. h. m. 31 16 28	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	d. h. m. 30 4 9 28 16 53 29 5 38 27 18 22 { 12 12 44 27 7 6 25 19 50 25 8 34 23 21 18 22 10 2 21 22 46 { 5 17 8 20 11 30 20 0 14	d. h. m. 30 16 23 29 6 50 29 18 18 28 3 2 12 7 20 27 10 17 25 17 4 25 0 27 23 9 27 21 20 51 21 11 0 6 0 14 20 3 47 19 22 20
1135. G. April. 1 4 50	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . ○ DEC. .	21 21 48 20 10 32 21 23 17 20 12 1 20 0 45 18 13 29 18 2 13 16 14 57 15 3 41 14 16 25 13 5 9 { 27 23 31 12 17 53	22 8 48 20 18 41 22 2 53 20 10 12 19 17 37 18 2 14 17 13 6 16 2 49 14 19 22 14 13 59 13 9 15 27 18 6 13 3 35	1132. C. 31 22 17	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	18 12 58 17 1 42 18 14 27 17 3 11 16 15 55 15 4 39 14 17 23 13 6 7 11 18 51 11 7 35 9 20 19 9 9 3	18 17 15 17 11 5 19 2 37 17 15 22 17 1 31 15 9 51 14 17 25 13 1 16 11 10 16 10 21 2 9 9 51 9 0 47
1134. F. 1 10 39	JAN. . FEB. . MAR. . APRIL MAY . ○ JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . ○ DEC. .	11 6 37 9 19 21 11 8 5 9 20 49 { 9 9 33 24 3 55 7 22 17 7 11 1 5 23 45 4 12 29 4 1 13 { 2 13 57 17 8 19 { 2 2 41 31 15 25	11 19 39 10 8 59 11 19 11 10 3 21 9 10 16 24 6 30 7 17 0 7 0 37 5 10 15 3 22 41 3 14 14 2 8 21 17 9 39 2 3 52 31 23 4	1131. B. April. 1 4 6	JAN. . FEB. . MAR. . ○ APRIL MAY . JUNE . JULY . AUG. . SEPT. ○ OCT. . NOV. . DEC. .	7 21 47 6 10 31 { 7 23 15 22 17 37 6 11 59 6 0 43 4 13 27 4 2 11 2 14 55 { 1 3 39 15 22 1 30 16 23 30 5 7 28 17 51 28 6 35	7 17 25 6 10 55 8 4 15 22 18 25 6 20 21 6 10 28 4 22 25 4 8 32 2 17 37 1 2 36 15 16 52 30 12 8 29 22 41 28 10 27 27 23 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1130. A.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1127. D.		<i>d. h. m.</i>	<i>d. h. m.</i>
April. <i>d. h. m.</i> 1 9 54	JAN. .	26 19 19	26 13 39	April. <i>d. h. m.</i> 1 3 21	○	{ 8 16 7	8 14 16
	FEB. .	25 8 3	25 4 54		JAN. .	{ 23 10 29	23 16 40
	○	{ 12 2 25	12 11 14		FEB. .	21 23 13	22 1 49
	MAR. .	{ 26 20 48	26 20 47		MAR. .	23 11 53	23 10 9
	APRIL	25 9 32	25 12 39		APRIL	22 0 42	21 18 28
	MAY .	24 22 16	25 3 45		MAY .	21 13 26	21 3 45
	JUNE .	23 11 0	23 17 36		JUNE .	20 2 10	19 14 59
	JULY .	22 23 44	23 6 0		○	{ 4 20 32	5 1 18
	AUG. .	21 12 28	21 17 15		JULY .	{ 19 14 54	19 4 39
	○	{ 5 6 50	4 18 8		AUG. .	18 3 38	17 20 44
	SEPT. .	{ 20 1 12	20 3 55		SEPT. .	16 16 22	16 14 31
	OCT. .	19 13 56	19 14 30		OCT. .	16 5 6	16 8 49
	NOV. .	18 2 40	18 1 14		NOV. .	14 17 50	15 2 20
	DEC. .	17 15 24	17 12 14		DEC. .	{ 14 6 34	14 13 1
					○	{ 29 0 56	28 17 44
1129. G.F.	JAN. .	16 4 8	15 23 32	1126. C.	JAN. .	12 19 18	13 7 18
March. 31 15 43	FEB. .	{ 14 16 52	14 11 21		FEB. .	11 8 2	11 18 7
	○	{ 29 11 14	{ 1 1 0		MAR. .	12 20 47	13 2 55
	MAR. .	15 5 37	{ 15 0 0	1 9 10	APRIL	11 9 31	11 10 25
	APRIL	13 18 21	13 18 45		MAY .	10 22 15	10 15 47
	MAY .	13 7 5	13 4 31		JUNE .	{ 9 10 59	9 1 20
	JUNE .	11 19 49	11 19 53		○	{ 24 5 21	24 12 55
	JULY .	11 8 33	11 11 16		JULY .	8 23 43	8 10 57
	AUG. .	{ 9 21 17	10 2 1		AUG. .	7 12 27	6 23 13
	○	{ 24 15 39	24 2 13		SEPT. .	6 1 11	5 14 29
	SEPT. .	8 10 1	8 15 50		OCT. .	5 13 55	5 8 21
	OCT. .	7 22 45	8 4 41		NOV. .	4 2 39	4 3 36
	NOV. .	6 11 29	6 16 42		DEC. .	{ 3 15 23	3 22 41
	DEC. .	6 0 13	6 3 58		○	{ 18 9 45	18 4 22
1128. E.	JAN. .	4 12 57	4 14 31	1125. B.A.	JAN. .	{ 2 4 7	2 16 2
31 21 32	FEB. .	3 1 41	3 0 30		○	{ 31 16 51	...
	MAR. .	4 14 25	4 10 18		FEB. .	...	1 6 38
	APRIL	3 3 9	2 20 31		MAR. .	{ 1 5 35	1 18 16
	MAY .	2 15 53	{ 2 7 54	March. 31 14 59	APRIL	{ 30 18 19	31 3 20
	JUNE .	{ 1 4 37	{ 31 20 58		MAY .	29 7 3	29 10 39
	JULY .	{ 30 17 21	30 11 49		○	{ 12 14 9	12 17 18
	AUG. .	30 6 5	30 3 59		JUNE .	{ 27 8 31	27 0 21
	SEPT. .	28 18 49	28 20 40		JULY .	26 21 15	26 8 55
	OCT. .	27 7 33	27 13 1		AUG. .	25 9 59	24 19 58
	NOV. .	26 20 17	27 4 18		SEPT. .	23 22 43	23 10 2
	DEC. .	25 9 1	25 18 5		OCT. .	23 11 27	23 3 1
		24 21 45	25 6 22		NOV. .	22 0 11	21 22 2
					DEC. .	21 12 55	21 17 31

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 1124. G. d. h. m. March. 31 20 47		d. h. m.	d. h. m.	B.C. 1121. D.C. March. d. h. m. 31 14 14		d. h. m.	d. h. m.
	JAN. .	20 1 39	20 11 56		JAN. .	17 16 49	17 10 29
	FEB. .	18 14 23	19 3 48		FEB. .	16 5 33	16 0 57
	MAR. .	20 3 8	20 16 38		MAR. .	16 18 18	16 16 19
	APRIL	18 15 52	19 2 35		APRIL	15 7 2	15 8 4
	MAY .	18 4 36	18 10 30		MAY .	14 19 46	14 23 35
	JUNE .	16 17 20	16 17 25		JUNE .	13 8 30	13 14 11
	JULY .	16 6 4	16 0 28		JULY .	12 21 14	13 3 30
	AUG. .	14 18 48	14 8 41		AUG. .	11 9 58	11 15 33
	SEPT. .	13 7 32	12 18 55		SEPT. .	9 22 42	10 2 45
	OCT. .	12 20 16	12 7 44		OCT. .	9 11 26	9 13 33
	O	27 14 38	27 22 9		NOV. .	8 0 10	8 0 19
	NOV. .	11 9 0	10 23 15		DEC. .	7 12 54	7 11 9
	DEC. .	10 21 44	10 16 56				
1123. F. April. 1 2 36	JAN. .	9 10 28	9 11 42	1120. B. 31 20 3	JAN. .	6 1 38	5 22 10
	FEB. .	7 23 12	8 6 5		FEB. .	4 14 22	4 9 26
	MAR. .	9 11 57	9 22 46		O	19 8 44	19 22 46
	APRIL	8 0 41	8 12 52		MAR. .	6 3 6	5 21 19
	O	22 19 3	22 11 35		APRIL	4 15 50	4 10 13
	MAY .	7 13 25	8 0 16		MAY .	4 4 34	4 0 17
	JUNE .	6 2 9	6 9 28		JUNE .	2 17 18	2 15 22
	JULY .	5 14 53	5 17 27		JULY .	2 6 2	2 6 55
	AUG. .	4 3 37	4 1 12			31 18 46	31 22 15
	SEPT. .	2 16 21	2 9 44		O	15 13 8	15 0 59
		2 5 5	1 19 41		AUG. .	30 7 30	30 12 51
	OCT. O	16 23 27	17 5 21		SEPT. .	28 20 14	29 2 29
		31 17 49	31 7 30		OCT. .	28 8 58	28 15 9
	NOV. .	30 6 33	29 21 20		NOV. .	26 21 42	27 2 52
	DEC. .	29 19 17	29 12 59		DEC. .	26 10 26	26 13 44
1122. E. 1 8 25	JAN. .	28 8 1	28 5 55	1119. A. April. 1 1 52	JAN. .	24 23 10	24 23 50
	FEB. .	26 20 45	26 23 14		O	8 17 32	9 3 23
	MAR. .	28 9 29	28 15 54		FEB. .	23 11 54	23 9 24
	O	12 3 51	12 2 1		MAR. .	25 0 39	24 19 5
	APRIL	26 22 13	27 7 1		APRIL	23 13 23	23 5 33
	MAY .	26 10 57	26 20 7		MAY .	23 2 7	22 17 35
	JUNE .	24 23 41	25 7 14		JUNE .	21 14 51	21 7 30
	JULY .	24 12 25	24 16 58		JULY .	21 3 35	20 23 10
	AUG. .	23 1 9	23 2 8		O	4 21 57	4 16 42
	SEPT. .	21 13 53	21 11 31		AUG. .	19 16 19	19 15 53
	O	6 8 15	6 6 0		SEPT. .	18 5 3	18 8 47
	OCT. .	21 2 37	20 21 41		OCT. .	17 17 47	18 0 56
	NOV. .	19 15 21	19 8 51		NOV. .	16 6 31	16 15 43
	DEC. .	19 4 5	18 21 7		DEC. .	15 19 15	16 4 45

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
1118.	JAN. .	{ 14 7 59	14 15 57	1115.	JAN. .	10 23 9	11 6 52
G.	○	{ 29 2 21	29 3 10	c.	FEB. .	9 11 53	10 0 1
April.	FEB. .	12 20 43	13 1 33	April.	MAR. .	11 0 38	11 14 20
<i>d. h. m.</i>	MAR. .	14 9 28	14 10 0	<i>d. h. m.</i>	APRIL	9 13 22	10 1 36
1 7 40	APRIL	12 22 12	12 18 0	1 1 7	MAY .	{ 9 2 6	9 10 23
	MAY .	12 10 56	12 2 31		○	{ 23 20 23	23 13 55
	JUNE .	10 23 40	10 12 34		JUNE .	7 14 50	7 17 42
	JULY .	{ 10 12 24	10 0 57		JULY .	7 3 34	7 0 40
	○	{ 25 6 46	25 9 19		AUG. .	5 16 18	5 8 19
	AUG. .	9 1 8	8 15 56		SEPT. .	4 5 2	3 17 35
	SEPT. .	7 13 52	7 9 9		OCT. .	3 17 46	3 5 10
	OCT. .	7 2 36	7 3 33		NOV. .	{ 2 6 30	1 19 22
	NOV. .	5 15 20	5 21 49		○	{ 17 0 52	17 9 1
	DEC. .	5 4 4	5 14 40		DEC. .	{ 1 19 14	1 11 59
						{ 31 7 58	31 6 12
1117.	JAN. .	3 16 48	4 5 13				
F.E.	FEB. .	2 5 32	2 17 9	1114.	JAN. .	29 20 42	30 0 47
March.	MAR. .	2 18 16	3 2 45	B.	FEB. .	28 9 26	28 18 17
31 13 29	APRIL	{ 1 7 0	1 10 39		MAR. .	29 22 10	30 9 39
		{ 30 19 44	30 17 40	1 6 56	APRIL	28 10 54	28 22 23
	MAY .	30 8 28	30 0 54		○	{ 13 5 16	12 20 9
	JUNE .	28 21 12	28 9 28		MAY .	{ 27 23 38	28 8 39
	JULY .	28 9 56	27 20 22		JUNE .	26 12 22	26 17 14
	AUG. .	26 22 40	26 10 12		JULY .	26 1 6	26 1 10
	SEPT. .	25 11 24	25 2 57		AUG. .	24 13 50	24 9 24
	OCT. .	25 0 8	24 21 48		SEPT. .	23 2 34	22 18 44
	NOV. .	23 12 52	23 17 17		OCT. .	22 15 18	22 5 41
	○	{ 8 7 14	8 2 58		NOV. .	21 4 2	20 18 28
	DEC. .	{ 23 1 36	23 11 41		DEC. .	20 16 46	20 9 7
1116.	JAN. .	21 14 20	22 3 43	1113.	JAN. .	19 5 30	19 1 15
D.	FEB. .	20 3 4	20 16 45	A.G.	FEB. .	17 18 14	17 18 13
31 19 18	MAR. .	21 15 49	22 2 56	March.	MAR. .	18 6 59	18 10 58
	APRIL	20 4 33	20 10 55	31 12 45	○	{ 2 1 21	2 2 9
	MAY .	19 17 17	19 17 43		APRIL	{ 16 19 43	17 3 2
	○	{ 3 11 39	3 12 58		MAY .	16 8 27	16 17 12
	JUNE .	{ 18 6 1	18 0 26		JUNE .	14 21 11	15 5 23
	JULY .	17 18 45	17 8 11		JULY .	14 9 55	14 15 55
	AUG. .	16 7 29	15 17 58		AUG. .	12 22 39	13 1 31
	SEPT. .	14 20 13	14 6 33		SEPT. .	{ 11 11 23	11 10 58
	OCT. .	14 8 57	13 22 11		○	{ 26 5 45	26 0 25
	NOV. .	{ 12 21 41	12 16 23		OCT. .	11 0 7	10 20 53
	○	{ 27 16 3	27 18 37		NOV. .	9 12 51	9 7 35
	DEC. .	12 10 25	12 11 49		DEC. .	9 1 35	8 19 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1112. F. March. d. h. m. 31 18 33		d. h. m.	d. h. m.	B.C. 1109. C.B. March. d. h. m. 31 12 0		d. h. m.	d. h. m.
	JAN. .	7 14 19	7 7 52		JAN. .	{ 5 5 29	5 14 55
	FEB. .	6 3 3	5 21 31		○	{ 19 23 51	19 21 59
	MAR. .	{ 7 15 48	7 12 9		FEB. .	3 18 13	4 1 9
	○	{ 22 10 10	22 19 4		MAR. .	4 6 58	4 9 55
	APRIL	6 4 32	6 3 33		APRIL	2 19 42	2 17 50
	MAY .	5 17 16	5 19 9		MAY .	{ 2 8 26	2 1 47
	JUNE .	4 6 0	4 10 18		○	{ 31 21 10	31 10 49
	JULY .	3 18 44	4 0 27		JUNE .	30 9 54	29 21 54
	AUG. .	{ 2 7 28	2 13 22		○	{ 15 4 16	15 12 16
	○	{ 31 20 12			JULY .	{ 29 22 38	29 11 38
	SEPT. .	{ 15 14 34	{ 1 1 14		AUG. .	28 11 22	28 3 50
	OCT. .	{ 30 8 56	{ 15 1 51		SEPT. .	27 0 6	26 22 5
	NOV. .	29 21 40	29 23 24		OCT. .	26 12 50	26 16 48
	DEC. .	28 10 24	28 10 13		NOV. .	25 1 34	25 10 39
		27 23 8	27 21 3		DEC. .	24 14 18	25 2 28
1111. E.	JAN. .	26 11 52	26 7 56	1108. A.	○	{ 8 8 40	8 1 59
	FEB. .	25 0 36	24 19 11		JAN. .	{ 23 3 2	23 15 41
	○	{ 11 18 53	12 8 38		FEB. .	21 15 46	22 2 17
April. 1 0 22	MAR. .	{ 26 13 20	26 7 13	31 17 49	MAR. .	23 4 30	23 10 46
	APRIL	25 2 4	24 20 29		APRIL	21 17 14	21 17 58
	MAY .	24 14 43	24 10 59		MAY .	21 5 58	21 0 53
	JUNE .	23 3 32	23 2 23		JUNE .	19 18 42	19 8 37
	JULY .	22 16 16	22 18 4		○	{ 4 13 4	4 19 56
	AUG. .	21 5 0	21 9 21		JULY .	{ 19 7 26	18 18 13
	○	{ 4 23 22	4 10 27		AUG. .	17 20 10	17 6 37
	SEPT. .	{ 19 17 44	19 23 49		SEPT. .	16 8 54	15 22 4
	OCT. .	19 6 23	19 13 13		OCT. .	15 21 38	15 16 7
	NOV. .	17 19 12	18 1 33		NOV. .	14 10 22	14 11 34
	DEC. .	17 7 56	17 12 52		DEC. .	{ 13 23 6	14 6 44
					○	{ 28 17 28	28 13 6
1110. D.	JAN. .	15 20 40	15 23 12	1107. G.	JAN. .	12 11 50	13 0 4
	FEB. .	14 9 24	14 8 47		FEB. .	11 0 34	11 14 3
	MAR. .	15 22 9	15 18 5	31 23 38	MAR. .	12 13 19	13 2 9
1 6 11	APRIL	14 10 53	14 3 48		APRIL	11 2 3	11 10 5
	MAY .	13 23 37	13 14 33		MAY .	10 14 47	10 18
	JUNE .	12 12 21	12 3 35		JUNE .	{ 9 3 31	9 0 4
	JULY .	12 1 5	11 18 29		○	{ 23 21 54	23 23 5
	AUG. .	10 13 49	10 10 56		JULY .	8 16 15	8 7 5
	SEPT. .	9 2 33	9 4 7		AUG. .	7 4 59	6 16 3
	OCT. .	8 15 17	8 21 0		SEPT. .	5 17 43	5 3 5
	NOV. .	7 4 1	7 12 46		OCT. .	5 6 27	4 18
	DEC. .	6 16 45	7 2 48		NOV. .	3 19 11	3 11
					DEC. .	3 7 55	3 6

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1106. F.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1103. B. <i>d. h. m.</i> March. 31 22 53		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 1 20 39	2 1 24		JAN. .	28 0 33	27 18 36
	FEB. .	{ 31 9 23	31 19 34		FEB. .	26 13 17	26 8 26
		...	...		MAR. .	28 2 1	27 23 13
	MAR. .	{ 1 22 7	2 11 16		APRIL	26 14 45	26 14 36
		{ 31 10 51	31 23 57		MAY .	26 3 29	26 6 2
April.	APRIL	29 23 35	30 9 52		JUNE .	24 16 13	24 20 51
<i>d. h. m.</i>	MAY .	29 12 19	29 17 51		JULY .	24 4 57	24 10 37
1 5 26	JUNE .	28 1 3	28 0 55		AUG. .	22 17 41	22 23 15
	JULY .	27 13 47	27 8 15		SEPT. .	21 6 25	21 11 2
	AUG. .	26 2 31	25 16 44		OCT. .	20 19 9	20 22 17
	SEPT. .	24 15 15	24 3 12		NOV. .	19 7 53	19 9 15
	OCT. .	24 3 59	23 16 8		DEC. .	18 20 37	18 20 4
	○	{ 7 22 21	8 6 45				
	NOV. .	{ 22 16 43	22 7 33	1102. A.	JAN. .	17 9 21	17 6 44
	DEC. .	22 5 27	22 0 58		FEB. .	15 22 5	15 17 29
					○	{ 2 16 27	3 6 23
1105. E.D. March. 31 11 15	JAN. .	20 18 11	20 19 20		MAR. .	{ 17 10 50	17 4 47
	FEB. .	19 6 55	19 13 21	April. 1 4 42	APRIL	15 23 34	15 17 9
	MAR. .	19 19 40	20 5 47		MAY .	15 12 18	15 6 52
	APRIL	18 8 24	18 19 49		JUNE .	14 1 2	13 22 0
	○	{ 3 2 46	2 13 45		JULY .	13 13 46	13 13 35
	MAY .	{ 17 21 8	13 7 17		AUG. .	{ 12 2 30	12 5 23
	JUNE .	16 9 52	16 16 45		○	{ 26 20 52	26 8 53
	JULY .	15 22 36	16 1 3		SEPT. .	10 15 14	10 20 35
	AUG. .	14 11 20	14 9 12		OCT. .	10 3 53	10 10 49
	SEPT. .	13 0 4	12 13 7		NOV. .	8 16 42	8 23 54
	OCT. .	{ 12 12 43	12 4 20		DEC. .	8 5 26	8 11 47
	○	{ 27 7 10	27 13 27				
	NOV. .	11 1 32	10 16 12				
	DEC. .	10 14 16	10 5 51	1101. G.F.	JAN. .	6 18 11	6 22 33
					FEB. .	{ 5 6 55	5 8 18
1104. C. 31 17 4	JAN. .	9 3 0	8 21 3		○	{ 20 1 17	20 10 43
	FEB. .	7 15 44	7 13 26	March. 31 10 31	MAR. .	5 19 39	5 17 24
	MAR. .	9 4 29	9 6 15		APRIL	4 8 23	4 2 43
	APRIL	{ 7 17 13	7 22 37		MAY .	3 21 7	3 12 35
	○	{ 22 11 35	22 9 34		JUNE .	2 9 51	2 0 19
	MAY .	7 5 57	7 13 40		JULY .	{ 1 22 35	1 14 10
	JUNE .	5 18 41	6 2 57		○	{ 31 11 19	31 6 0
	JULY .	5 7 25	5 14 25		AUG. .	{ 15 5 41	15 0 45
	AUG. .	3 20 9	4 0 39		SEPT. .	{ 30 0 3	29 23 8
	SEPT. .	2 8 53	2 10 20		OCT. .	28 12 47	28 16 33
		{ 1 21 37	1 20 8		NOV. .	28 1 31	28 9 13
	OCT. ○	{ 16 15 59	16 13 47		DEC. .	26 14 15	27 0 20
		{ 31 10 21	31 6 34			26 2 59	26 13 26
	NOV. .	29 23 5	29 17 45				
	DEC. .	29 11 49	29 5 44				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 1100. E. March. <i>d. h. m.</i> 31 16 19		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1097. B.A. March. <i>d. h. m.</i> 31 9 46		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	24 15 43	25 0 30		JAN. .	22 6 53	22 14 32
	○	{ 8 10 5	8 10 36		FEB. .	20 19 37	21 7 30
	FEB. .	{ 23 4 27	23 9 46		MAR. .	21 8 21	21 21 38
	MAR. .	24 17 11	24 17 48		APRIL	19 21 5	20 8 51
	APRIL	23 5 55	23 1 27		MAY .	19 9 49	19 17 42
	MAY .	22 18 39	22 9 41		○	{ 3 4 11	2 20 30
	JUNE .	21 7 23	20 19 34		JUNE .	{ 17 22 33	18 1 9
	JULY .	20 20 7	20 7 56		JULY .	17 11 17	17 8 21
	○	{ 4 14 29	4 17 6		AUG. .	16 0 1	15 16 18
	AUG. .	{ 19 8 51	18 23 4		SEPT. .	14 12 45	14 1 51
	SEPT. .	17 21 35	17 16 35		OCT. .	14 1 29	13 13 35
	OCT. .	17 10 19	17 11 22		NOV. .	{ 12 14 13	12 3 45
	NOV. .	15 23 3	16 5 58		○	{ 27 8 35	27 17 45
	DEC. .	15 11 47	15 23 0		DEC. .	12 2 57	11 20 9
1099. D. 31 22 8	JAN. .	14 0 31	14 13 33	1096. G. 31 15 35	JAN. .	10 15 41	10 13 59
	FEB. .	12 13 15	13 1 20		FEB. .	9 4 25	9 8 9
	MAR. .	14 2 0	14 10 42		MAR. .	10 17 10	11 1 22
	APRIL	12 14 44	12 18 18		APRIL	9 5 54	9 16 35
	MAY .	12 3 23	12 1 7		MAY .	{ 8 18 38	9 5 19
	JUNE .	10 16 12	10 8 16		○	{ 23 13 0	23 3 11
	JULY .	10 4 56	9 16 49		JUNE .	7 7 22	7 15 43
	AUG. .	8 17 40	8 3 47		JULY .	6 20 6	7 0 43
	SEPT. .	7 6 24	6 17 47		AUG. .	5 8 50	5 9 2
	OCT. .	6 19 8	6 10 43		SEPT. .	3 21 34	3 17 39
	NOV. .	5 7 52	5 5 44		OCT. .	3 10 18	3 3 20
	DEC. .	{ 4 20 36	5 1 16		NOV. .	1 23 2	1 14 26
	○	{ 19 14 53	19 11 51		DEC. .	{ 1 11 46	1 3 8
1098. C. April. 1 3 57	JAN. .	3 9 20	3 19 42	1095. F. 31 21 24	JAN. .	29 13 14	29 9 0
	FEB. .	1 22 4	2 11 39		FEB. .	28 1 59	28 1 26
	MAR. .	3 10 49	4 0 32		MAR. .	29 14 43	29 17 56
	APRIL	1 23 33	2 10 32		○	{ 13 9 5	13 9 48
	MAY .	{ 1 12 17	1 18 24		APRIL	{ 28 3 27	28 9 38
	○	{ 31 1 1	31 1 11		MAY .	27 16 11	27 23 53
	JUNE .	{ 14 19 23	14 19 26		JUNE .	26 4 55	26 12 24
	JULY .	29 2 29	23 15 52		JULY .	25 17 39	25 23 23
	AUG. .	27 15 13	27 1 50		AUG. .	24 6 23	24 9 31
	SEPT. .	26 3 57	25 14 36		SEPT. .	22 19 7	22 19 25
	OCT. .	25 16 41	25 6 13		OCT. .	22 7 51	22 5 41
	NOV. .	24 5 25	24 0 23		NOV. .	20 20 35	20 16 32
	○	{ 8 23 47	9 3 35		DEC. .	20 9 19	20 4 1
	DEC. .	{ 23 18 9	23 19 42				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1094. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1091. Λ.		<i>d. h. m.</i>	<i>d. h. m.</i>
April. <i>d. h. m.</i> 1 3 12	JAN. .	18 22 3	18 16 12	March. <i>d. h. m.</i> 31 20 39	JAN. .	15 13 12	15 23 29
	FEB. .	17 10 47	17 5 15	○	○	30 7 34	30 5 35
	MAR. .	18 23 31	18 19 17	MAR. .	FEB. .	14 1 56	14 9 28
	○	17 12 53	3 2 44	MAR. .	MAR. .	15 14 41	15 17 51
	APRIL	17 12 15	17 10 12	APRIL	APRIL	14 3 25	14 1 25
	MAY. .	17 0 59	17 1 35	MAY. .	MAY. .	13 16 9	13 9 5
	JUNE .	15 13 43	15 16 50	JUNE .	JUNE .	12 4 53	11 17 55
	JULY .	15 2 27	15 7 22	JULY .	JULY .	11 17 37	11 4 56
	AUG. .	13 15 11	13 20 49	○	○	26 11 59	26 16 25
	SEPT. .	12 3 55	12 9 17	AUG. .	AUG. .	10 6 21	9 18 44
	○	26 22 17	26 9 42	SEPT. .	SEPT. .	8 19 5	8 11 18
	OCT. .	11 16 39	11 21 0	OCT. .	OCT. .	8 7 49	8 5 45
	NOV. .	10 5 23	10 8 15	NOV. .	NOV. .	6 20 33	7 0 48
	DEC. .	9 18 7	9 19 10	DEC. .	DEC. .	6 9 17	6 18 52
1093. D.C. March. 31 9 1	JAN. .	8 6 51	8 5 46	1090. G.	JAN. .	4 22 1	5 10 46
	FEB. .	6 19 35	6 16 12	○	○	19 16 23	19 10 8
	MAR. .	7 8 20	7 2 53	MAR. .	FEB. .	3 10 45	3 23 53
	○	22 2 42	22 16 7	APRIL	MAR. .	4 23 30	5 10 16
	APRIL	5 21 4	5 14 23	APRIL	APRIL	3 12 14	3 18 31
	MAY. .	5 9 48	5 3 10	MAY. .	MAY. .	3 0 58	3 1 30
	JUNE .	3 22 32	3 17 28	JUNE .	JUNE .	1 13 42	1 8 18
	JULY .	3 11 16	3 8 57	JULY ○	JULY ○	1 2 26	30 15 59
	○	2 0 0	2 1 0	○	○	15 20 48	16 3 0
	AUG. .	31 12 44	31 16 51	AUG. .	AUG. .	30 15 10	30 1 42
	○	15 7 6	14 18 29	SEPT. .	SEPT. .	29 3 54	28 14 12
	SEPT. .	30 1 23	30 7 55	OCT. .	OCT. .	27 16 38	27 5 48
	OCT. .	29 14 12	29 21 49	NOV. .	NOV. .	27 5 22	27 0 0
	NOV. .	28 2 56	28 10 25	DEC. .	DEC. .	25 18 6	25 19 32
	DEC. .	27 15 40	27 21 43	○	○	25 6 50	25 14 43
1092. B. 31 14 50	JAN. .	26 4 24	26 7 47	1089. F.E. March. 31 8 17	○	9 1 12	8 21 45
	FEB. .	24 17 8	24 16 56	JAN. .	JAN. .	23 19 34	24 7 58
	MAR. .	26 5 52	26 1 43	FEB. .	FEB. .	22 8 18	22 22 21
	APRIL	24 18 36	24 11 0	MAR. .	MAR. .	22 21 2	23 9 38
	MAY. .	24 7 20	23 21 38	APRIL	APRIL	21 9 46	21 18 24
	JUNE .	22 20 4	22 10 19	MAY. .	MAY. .	20 22 30	21 1 34
	JULY .	22 8 48	22 1 15	JUNE .	JUNE .	19 11 14	19 8 15
	○	20 21 32	20 18 0	○	○	4 5 36	4 6 28
	SEPT. .	19 10 16	19 11 39	JULY .	JULY .	18 23 58	18 15 33
	OCT. .	18 23 0	19 5 3	AUG. .	AUG. .	17 12 42	17 0 29
	NOV. .	17 11 44	17 21 14	SEPT. .	SEPT. .	16 1 26	15 11 52
	DEC. .	17 0 23	17 11 27	OCT. .	OCT. .	15 14 10	15 2 10
				NOV. .	NOV. .	14 2 54	13 19 10
				DEC. .	DEC. .	13 15 38	13 13 57

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1088.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1085.		<i>d. h. m.</i>	<i>d. h. m.</i>
D. March.	JAN. .	12 4 22	12 9 6	A.G. March.	JAN. .	9 19 32	9 14 15
<i>d. h. m.</i>	FEB. .	10 17 6	11 3 2	<i>d. h. m.</i>	FEB. .	8 8 16	8 2 35
31 14 5	MAR. .	12 5 51	12 18 35	31 7 32	MAR. .	8 21 1	8 15 49
	APRIL	10 18 35	11 7 11		APRIL	7 9 45	7 6 3
	MAY .	10 7 19	10 17 8		○	22 4 7	22 10 17
	JUNE .	8 20 3	9 1 13		MAY .	6 22 29	6 21 6
	JULY .	8 8 47	8 8 33		JUNE .	5 11 13	5 12 30
	AUG. .	6 21 31	6 16 10		JULY .	4 23 57	5 3 35
	SEPT. .	5 10 15	5 0 58		AUG. .	3 12 41	3 17 51
	OCT. .	4 22 59	4 11 40		SEPT. .	2 1 25	2 7 5
	NOV. .	3 11 43	3 0 38		OCT. .	1 14 9	1 19 26
	○	18 6 5	18 15 24			31 2 53	31 7 5
	DEC. .	3 0 27	2 15 53		NOV. .	29 15 37	29 18 14
					DEC. .	29 4 21	29 4 55
1087. C.	JAN. .	1 13 11	1 8 56	1084. F.	JAN. .	27 17 5	27 15 12
	FEB. .	31 1 55	31 2 51		FEB. .	26 5 49	26 1 25
	...	...	...		○	13 0 11	13 18 51
31 19 54	MAR. .	1 14 40	1 20 31	31 13 21	MAR. .	27 18 34	27 12 10
		31 3 24	31 12 41		APRIL	26 7 18	26 0 1
	APRIL	29 16 8	30 2 40		MAY .	25 20 2	25 13 25
	○	14 10 30	14 1 55		JUNE .	24 8 46	24 4 22
	MAY .	29 4 52	29 14 19		JULY .	23 21 30	23 20 11
	JUNE .	27 17 36	28 0 3		AUG. .	22 10 14	22 12 38
	JULY .	27 6 20	27 8 45		○	6 4 36	5 17 7
	AUG. .	25 19 4	25 17 20		SEPT. .	20 22 58	21 4 27
	SEPT. .	24 7 48	24 2 38		OCT. .	20 11 42	20 19 14
	OCT. .	23 20 32	23 13 5		NOV. .	19 0 26	19 8 40
	○	7 14 54	7 21 35		DEC. .	18 13 10	18 20 39
	NOV. .	22 9 16	22 0 58				
	DEC. .	21 22 0	21 14 20				
1086. B.	JAN. .	20 10 44	20 5 3	1083. E.	JAN. .	17 1 54	17 7 13
	FEB. .	18 23 28	18 20 52		FEB. .	15 14 38	15 16 35
	MAR. .	20 12 12	20 13 10		○	2 9 0	2 17 56
April.	APRIL	19 0 56	19 5 13	31 19 10	MAR. .	17 3 22	17 1 14
1 1 43	○	3 19 18	3 17 7		APRIL	15 16 6	15 9 56
	MAY .	18 13 40	18 20 14		MAY .	15 4 50	14 19 35
	JUNE .	17 2 24	17 9 44		JUNE .	13 17 34	13 7 6
	JULY .	16 15 8	16 21 40		JULY .	13 6 18	12 20 54
	AUG. .	15 3 52	15 8 24		AUG. .	11 19 2	11 12 57
	SEPT. .	13 16 36	13 18 36		○	26 13 24	26 8 52
	OCT. .	13 5 20	13 4 51		SEPT. .	10 7 46	10 6 29
	○	27 23 42	27 21 36		OCT. .	9 20 30	10 0 24
	NOV. .	11 18 4	11 15 30		NOV. .	8 9 14	8 17 30
	DEC. .	11 6 48	11 2 36		DEC. .	7 21 58	8 8 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1082. D. April. d. h. m. 1 0 58	JAN. . FEB. . ○ MAR. . APRIL MAY . JUNE . JULY . AUG. ○ SEPT. . OCT. . NOV. . DEC. .	d. h. m. 6 10 42 4 23 26 19 17 48 6 12 11 5 0 55 4 13 39 3 2 23 2 15 7 1 3 51 15 22 13 30 16 35 29 5 19 23 18 3 27 6 47 26 19 31	d. h. m. 6 22 2 5 8 52 19 17 53 6 17 50 5 1 32 4 8 52 2 16 53 2 2 40 31 15 4 16 0 59 30 6 23 29 0 10 23 19 16 27 14 7 27 7 16	B.C. 1079. G. March. d. h. m. 31 18 25	JAN. . FEB. . MAR. . APRIL MAY . ○ JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . ○ DEC. .	d. h. m. 3 1 52 1 14 36 3 3 21 1 16 5 1 4 49 30 17 33 14 11 55 29 6 17 28 19 1 27 7 45 25 20 29 25 9 13 23 21 57 8 16 19 23 10 41	d. h. m. 3 3 29 1 22 4 3 14 48 2 4 49 1 16 2 31 0 59 14 3 7 29 8 40 28 16 10 27 0 26 25 10 17 24 22 9 23 12 14 9 2 28 23 4 18
1081. C.B. March. 31 6 47	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . ○	25 8 15 23 20 59 24 9 44 22 22 28 22 11 12 20 23 56 20 12 40 19 1 24 17 14 8 17 2 52 15 15 36 15 4 20 29 22 42	25 21 46 24 9 22 24 18 29 23 1 52 22 8 35 20 15 40 20 0 16 18 11 22 17 1 31 16 18 35 15 13 41 15 9 14 29 20 39	1078. F. April. 1 0 14	JAN. . FEB. . MAR. . APRIL MAY . ○ JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	21 23 25 20 12 9 22 0 53 20 13 37 20 2 21 3 20 43 18 15 5 18 3 49 16 16 33 15 5 17 14 18 1 13 6 45 12 19 29	21 21 42 20 15 25 22 8 16 20 23 21 20 12 12 3 10 13 18 22 56 18 8 14 16 16 59 15 2 4 14 12 8 12 23 15 12 11 47
1080. A. 31 12 36	JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . ○	13 17 4 12 5 48 13 18 32 12 7 16 11 20 0 10 8 44 25 3 6 9 21 23 8 10 12 6 22 56 6 11 40 5 0 24 4 13 8 19 7 30	14 3 35 12 19 25 14 8 8 12 18 1 12 1 49 10 8 33 25 1 56 9 15 34 7 23 40 6 9 52 5 22 45 4 14 29 4 8 28 19 12 29	1077. B.D. March. 31 6 3	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	11 8 13 9 20 57 10 9 42 8 22 26 23 16 48 8 11 10 6 23 54 6 12 38 5 1 22 3 14 6 3 2 50 1 15 34 1 4 18 30 17 2	11 1 33 9 16 39 10 8 31 9 0 36 23 17 21 8 16 9 7 6 32 6 19 25 5 6 56 3 17 36 3 4 1 1 14 35 1 1 23 30 12 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1076. C. March. <i>d. h. m.</i> 31 11 51		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1073. G.F. March. <i>d. h. m.</i> 31 5 18		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	29 5 46	29 0 25		JAN. .	26 20 56	27 7 56
	FEB. .	27 18 31	27 12 52		○	{ 10 15 18	10 18 6
	MAR. .	29 7 15	29 2 19		FEB. .	{ 25 9 40	25 17 38
	○	{ 13 1 37	13 10 19		MAR. .	25 22 25	26 1 42
	APRIL	{ 27 19 59	27 16 47		APRIL	24 11 9	24 8 56
	MAY .	27 8 43	27 8 0		MAY .	23 28 53	23 16 22
	JUNE .	25 21 27	25 23 24		JUNE .	22 12 37	22 1 5
	JULY .	25 10 11	25 14 21		JULY .	22 1 21	21 12 7
	AUG. .	23 22 55	24 4 24		○	{ 5 19 43	6 0 7
	SEPT. .	22 11 39	22 17 29		AUG. .	{ 20 14 5	20 2 2
	○	{ 7 6 1	6 17 43		SEPT. .	19 2 49	18 18 47
	OCT. .	{ 22 0 23	22 5 42		OCT. .	18 15 33	18 13 32
	NOV. .	20 13 7	20 17 12		NOV. .	17 4 17	17 8 50
	DEC. .	20 1 51	20 4 5		DEC. .	16 17 1	17 3 4
1075. B. 31 17 40	JAN. .	18 14 35	18 14 24	1072. E. 31 11 7	JAN. .	{ 15 5 45	15 18 58
	FEB. .	17 3 19	17 0 22		○	{ 30 0 7	29 18 13
	MAR. .	18 16 3	18 10 29		FEB. .	13 18 29	14 7 56
	○	{ 2 10 25	2 23 26		MAR. .	15 7 13	15 18 6
	APRIL	{ 17 4 47	16 21 26		APRIL	13 19 57	14 2 7
	MAY .	16 17 31	16 9 50		MAY .	13 8 41	13 8 57
	JUNE .	15 6 15	14 23 58		JUNE .	11 21 25	11 15 42
	JULY .	14 18 59	14 15 36		JULY .	{ 11 10 9	10 23 27
	AUG. .	13 7 43	13 8 3		○	{ 26 4 31	26 10 9
	SEPT. .	{ 11 20 27	12 0 27		AUG. .	9 22 53	9 9 15
	○	{ 26 14 49	26 2 48		SEPT. .	8 11 37	7 21 56
	OCT. .	11 9 11	11 16 5		OCT. .	8 0 21	7 18 40
	NOV. .	9 21 55	10 6 26		NOV. .	6 13 5	6 7 57
	DEC. .	9 10 39	9 19 14		DEC. .	6 1 49	6 3 29
1074. A. 31 23 29	JAN. .	7 23 23	8 6 26	1071. D. 31 16 56	JAN. .	{ 4 14 33	4 22 36
	FEB. .	6 12 7	6 16 13		○	{ 19 8 55	19 6 17
	MAR. .	8 0 52	8 0 58		FEB. .	3 3 17	3 15 48
	APRIL	6 13 36	6 9 19		MAR. .	4 16 2	5 5 57
	MAY .	6 2 20	5 18 9		APRIL	3 4 46	3 17 6
	JUNE .	4 15 4	4 4 31		MAY .	2 17 30	3 1 48
	JULY .	4 3 48	3 17 7		JUNE .	{ 1 6 14	1 9 10
	AUG. .	2 16 32	2 8 10		○	{ 30 18 58	30 15 48
	SEPT. .	{ 1 5 16	1 1 13		JULY .	{ 30 7 42	29 23 19
	○	{ 30 18 0	30 19 18		AUG. .	28 20 26	28 8 29
	OCT. .	30 6 44	30 13 12		SEPT. .	27 9 10	26 20 4
	NOV. .	28 19 28	29 5 42		OCT. .	26 21 54	26 10 26
	DEC. .	28 8 12	28 20 1		NOV. .	25 10 38	25 3 20
					DEC. .	24 23 22	24 21 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1070. C. March. d. h. m. 31 22 44	JAN. .	d. h. m. 23 12 6	d. h. m. 23 16 44	B.C. 1067. F. March. d. h. m. 31 16 11	JAN. .	d. h. m. 20 3 16	d. h. m. 19 22 42
	FEB. .	22 0 51	22 10 24		FEB. .	18 16 0	18 10 28
	MAR. .	23 13 35	24 1 44		MAR. .	20 4 45	19 23 5
	APRIL	22 2 19	22 14 18		APRIL	18 17 29	18 12 48
	MAY .	21 15 3	22 0 19		○	{ 3 11 51	3 17 46
	JUNE .	20 3 47	20 8 37		MAY .	{ 18 6 13	18 3 34
	JULY .	19 16 31	19 16 13		JUNE .	16 18 57	16 13 59
	AUG. .	18 5 15	18 0 12		JULY .	16 7 41	16 10 22
	SEPT. .	16 17 59	16 9 21		AUG. .	14 20 25	15 1 11
	OCT. .	16 6 43	15 20 15		SEPT. .	13 9 9	13 15 3
	NOV. .	{ 14 19 27	14 9 13		OCT. .	12 21 53	13 3 56
	○	{ 29 13 49	30 0 1		NOV. .	11 10 37	11 15 59
	DEC. .	14 8 11	14 0 14		DEC. .	10 23 21	11 3 11
1069. B.A. 31 4 33	JAN. .	12 20 55	12 16 50	1066. E. 31 22 0	JAN. .	9 12 5	9 13 41
	FEB. .	11 9 39	11 10 17		FEB. .	8 0 49	7 23 33
	MAR. .	11 22 23	12 3 30		MAR. .	{ 9 13 33	9 9 16
	APRIL	10 11 7	10 19 27		○	{ 24 7 55	24 21 9
	MAY .	{ 9 23 51	10 9 26		APRIL	8 2 17	7 19 27
	○	{ 24 18 13	24 9 4		MAY .	7 15 1	7 6 51
	JUNE .	8 12 35	8 21 17		JUNE .	6 3 45	5 20 1
	JULY .	8 1 19	8 7 23		JULY .	5 16 29	5 10 57
	AUG. .	6 14 3	6 16 32		AUG. .	4 5 13	4 3 13
	SEPT. .	5 2 47	5 1 37		SEPT. .	{ 2 17 57	2 20 0
	OCT. .	4 15 31	4 11 16		○	{ 17 12 19	17 1 24
	NOV. .	{ 3 4 15	2 21 56		OCT. .	{ 2 6 41	2 12 23
	○	{ 17 22 37	18 5 45			{ 31 19 25	{ 1 3 41
	DEC. .	2 16 59	{ 2 9 45		NOV. .	30 8 9	{ 30 17 24
			{ 31 22 45		DEC. .	29 20 53	30 5 25
1068. G. 31 10 22	JAN. .	{ 1 5 43	30 12 57	1065. D.C. 31 3 43	JAN. .	23 9 37	23 15 45
	FEB. .	... ..	...		FEB. .	26 22 21	27 0 44
	MAR. .	{ 1 7 12	1 4 10		○	{ 12 16 43	13 0 58
	APRIL	{ 30 19 56	30 19 57		MAR. .	{ 27 11 6	27 8 59
	○	{ 29 8 40	29 11 44		APRIL	25 23 50	25 17 16
	MAY .	{ 14 3 2	14 0 29		MAY .	25 12 34	25 2 36
	JUNE .	{ 28 21 24	29 2 47		JUNE .	24 1 18	23 13 57
	JULY .	27 10 8	27 16 35		JULY .	23 14 2	23 3 47
	AUG. .	26 22 52	27 5 0		AUG. .	22 2 46	21 20 3
	SEPT. .	24 0 20	24 3 3		○	{ 5 21 8	5 17 11
	OCT. .	23 13 4	23 13 42		SEPT. .	{ 20 15 30	20 13 58
	○	{ 7 7 26	7 5 31		OCT. .	20 4 14	20 8 20
	NOV. .	{ 22 1 43	22 0 29		NOV. .	18 16 58	19 1 10
	DEC. .	21 14 32	21 11 27		DEC. .	18 5 42	18 17 24

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1064. B. March. d. h. m. 31 9 37		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1061. F.E. March. d. h. m. 31 3 4		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 18 26	17 6 30		JAN. .	14 9 36	14 11 13
	FEB. .	15 7 10	15 17 8		FEB. .	12 22 20	13 5 28
	○	{ 2 1 32	2 1 4		MAR. .	13 11 4	13 21 56
	MAR. .	{ 16 19 54	17 1 46		APRIL	11 23 48	12 11 51
	APRIL	15 8 38	15 9 9		MAY .	11 12 32	11 23 7
	MAY .	14 21 22	14 16 14		JUNE .	{ 10 1 16	10 8 14
	JUNE .	13 10 6	13 0 6		○	{ 24 19 38	24 9 50
	JULY .	12 22 50	12 9 52		JULY .	9 14 0	9 16 18
	AUG. .	{ 11 11 34	10 22 20		AUG. .	8 2 44	8 0 4
	○	{ 26 5 56	26 9 0		SEPT. .	6 15 28	6 8 44
	SEPT. .	10 0 18	9 13 50		OCT. .	6 4 12	5 13 50
	OCT. .	9 13 2	9 7 51		NOV. .	4 16 56	4 6 48
	NOV. .	8 1 46	8 3 11		DEC. .	{ 4 5 40	3 20 43
	DEC. .	7 14 30	7 22 14		○	{ 19 0 2	19 11 7
1063. A. 31 15 26	JAN. .	6 3 14	6 15 25	1060. D. 31 8 53	JAN. .	2 18 24	2 12 24
	FEB. .	4 15 58	5 5 49		FEB. .	1 7 8	1 5 17
	MAR. .	6 4 43	6 17 16		MAR. .	2 19 58	2 22 31
	APRIL	4 17 27	5 2 8		APRIL	{ 1 8 37	1 15 3
	MAY .	4 6 11	4 9 22		○	{ 30 21 21	{ 1 6 3
	JUNE .	2 18 55	2 16 0		MAY .	30 10 5	{ 30 19 3
	JULY .	{ 2 7 39	1 23 7		○	{ 14 4 27	13 17 19
	○	{ 31 20 23	31 7 51		JUNE .	{ 28 22 49	29 6 6
	AUG. .	30 9 7	29 19 6		JULY .	28 11 33	28 15 51
	SEPT. .	28 21 51	28 9 23		AUG. .	27 0 17	27 1 6
	OCT. .	23 10 35	23 2 33		SEPT. .	25 13 1	25 10 37
	NOV. .	26 23 19	26 21 39		OCT. .	25 1 45	24 20 53
	DEC. .	26 12 3	26 17 8		NOV. .	23 14 29	23 8 7
1062. G. 31 21 15	○	{ 10 6 25	10 5 20	1059. C. 31 14 41	JAN. .	21 15 57	21 9 46
	JAN. .	{ 25 0 47	25 11 20		FEB. .	20 4 41	20 0 11
	FEB. .	23 13 31	24 3 0		MAR. .	21 17 26	21 15 29
	MAR. .	25 2 16	25 15 36		APRIL	20 6 10	20 7 11
	APRIL	23 15 0	24 1 23		MAY .	19 18 54	19 22 39
	MAY .	23 3 44	23 9 12		JUNE .	18 7 38	18 13 13
	JUNE .	21 16 28	21 16 7		JULY .	17 20 22	18 2 32
	○	{ 6 10 50	6 8 32		AUG. .	16 9 6	16 14 37
	JULY .	{ 21 5 12	20 23 17		SEPT. .	14 21 50	15 1 51
	○	{ 19 17 56	19 7 33		OCT. .	14 10 34	14 12 44
	AUG. .	19 17 56	19 7 33		NOV. .	12 23 18	12 23 32
	SEPT. .	18 6 40	17 18 4		DEC. .	12 12 2	12 10 23
	OCT. .	17 19 24	17 7 4				
	NOV. .	16 8 8	15 22 45				
	DEC. .	{ 15 20 52	15 16 30				
	○	{ 30 15 14	30 21 18				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 1058. E. March. d. h. m. 81 20 30		d. h. m.	d. h. m.	B.C. 1055. E. March. d. h. m. 81 18 57		d. h. m.	d. h. m.
	JAN. .	11 0 46	10 21 21		JAN. .	7 15 56	8 4 30
	FEB. .	9 13 30	9 8 33		FEB. .	{ 6 4 40	6 16 15
	MAR. .	11 2 14	10 20 28		○	{ 20 23 2	20 20 30
	APRIL .	{ 9 14 58	9 9 15		MAR. .	7 17 24	8 1 40
	○	{ 21 9 20	24 17 46		APRIL .	6 6 8	6 9 25
	MAY .	9 8 42	8 23 20		MAY .	5 18 52	5 16 23
	JUNE .	7 16 26	7 14 27		JUNE .	4 7 36	3 23 40
	JULY .	7 5 10	7 6 2		JULY .	3 20 20	3 8 20
	AUG. .	5 17 54	5 21 24			{ 2 9 4	1 19 24
	SEPT. .	4 6 38	4 12 4		AUG. ○	{ 17 3 26	17 7 55
	OCT. .	{ 3 19 22	4 1 45			{ 31 21 48	31 9 27
	○	{ 18 18 44	18 1 52		SEPT. .	30 10 32	30 2 26
	NOV. .	2 8 6	2 11 24		OCT. .	29 23 16	29 21 24
	DEC. .	{ 1 20 50	2 2 7		NOV. .	28 12 0	28 16 53
		{ 31 9 34	31 12 55		DEC. .	28 0 44	28 11 9
1057. A.D. 81 2 19	JAN. .	29 22 18	29 22 54	1054. D. 81 19 46	JAN. .	26 13 28	27 3 0
	FEB. .	28 11 2	28 8 24		○	{ 10 7 50	10 2 10
	MAR. .	28 23 47	28 17 59		FEB. .	{ 25 2 12	25 15 49
	○	{ 12 18 9	18 6 39		MAR. .	26 14 57	27 1 48
	APRIL .	{ 27 12 31	27 4 28		APRIL .	25 3 41	25 9 40
	MAY .	27 1 15	26 16 33		MAY .	24 16 25	24 16 24
	JUNE .	25 13 59	25 6 34		JUNE .	23 5 9	22 23 11
	JULY .	25 2 43	24 22 21		JULY .	22 17 53	22 7 2
	AUG. .	23 15 27	23 15 11		○	{ 6 12 15	6 17 24
	SEPT. .	22 4 11	22 8 9		AUG. .	{ 21 6 37	20 17 2
	○	{ 6 22 33	6 11 17		SEPT. .	19 19 21	19 5 50
	OCT. .	{ 21 16 55	22 0 21		OCT. .	19 8 5	18 21 40
	NOV. .	20 5 39	20 15 4		NOV. .	17 20 49	17 15 58
	DEC. .	19 18 28	20 4 1		DEC. .	17 9 33	17 11 25
1056. F. 81 8 8	JAN. .	18 7 7	18 15 5	1053. C.B. 81 1 34	JAN. .	{ 15 22 17	16 6 21
	FEB. .	16 19 51	17 0 32		○	{ 30 16 39	30 14 45
	MAR. .	18 8 36	18 8 52		FEB. .	14 11 1	14 23 18
	APRIL .	16 21 20	16 16 48		MAR. .	14 23 45	15 18 22
	MAY .	16 10 4	16 1 19		APRIL .	13 12 29	14 0 28
	JUNE .	14 22 48	14 11 28		MAY .	13 1 13	13 9 8
	JULY .	14 11 32	14 0 1		JUNE .	11 13 57	11 16 25
	AUG. .	13 0 16	12 15 11		JULY .	{ 11 2 41	10 23 26
	SEPT. .	11 13 0	11 8 33		○	{ 25 21 3	25 19 56
	OCT. .	11 1 44	11 8 5		AUG. .	9 15 25	9 7 12
	NOV. .	9 14 28	9 21 21		SEPT. .	8 4 9	7 14 39
	DEC. .	9 3 12	9 14 7		OCT. .	7 16 53	7 4 25
					NOV. .	6 5 37	5 18 47
					DEC. .	5 18 21	5 11 30

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1052. A. March. d. h. m. 31 7 23		d. h. m.	d. h. m.	B.C. 1049. E.D. March. d. h. m. 31 0 50		d. h. m.	d. h. m.
	JAN. .	4 7 5	4 5 43		JAN. .	{ 1 22 16	1 20 15
	FEB. .	2 19 49	3 0 11			{ 31 11 0	31 7 4
	MAR. .	4 8 34	4 17 33		FEB. .	29 23 44	29 18 14
	APRIL	2 21 13	3 8 43		MAR. .	30 12 23	30 6 15
	MAY .	{ 2 10 2	2 21 17		APRIL	29 1 12	28 19 30
		{ 31 22 46	{ 1 7 23		○	{ 13 19 34	14 1 10
	JUNE .	30 11 30	{ 30 16 2		MAY .	{ 28 13 56	28 10 2
	JULY .	30 0 14	30 0 0		JUNE .	27 2 40	27 1 30
	AUG. .	28 12 58	28 8 22		JULY .	26 15 24	26 17 14
	SEPT. .	27 1 42	26 17 51		AUG. .	25 4 8	25 8 35
	OCT. .	26 14 26	26 4 56		SEPT. .	23 16 52	23 23 4
	NOV. .	25 3 10	24 17 51		OCT. .	23 5 36	23 12 31
	○	{ 9 21 32	10 8 35		NOV. .	21 18 20	22 0 50
	DEC. .	{ 24 15 54	24 8 31		DEC. .	21 7 4	21 12 5
1051. G. 31 13 12	JAN. .	23 4 33	23 0 38	1048. C. 31 6 39	JAN. .	19 19 43	19 22 19
	FEB. .	21 17 22	21 17 33		FEB. .	18 8 32	18 7 47
	MAR. .	23 6 7	23 10 21		MAR. .	19 21 17	19 16 59
	APRIL	21 18 51	22 2 8		○	{ 3 15 39	4 4 19
	MAY .	21 7 35	21 16 10		APRIL	{ 18 10 1	18 2 40
	○	{ 5 1 57	4 16 17		MAY .	17 22 45	17 13 41
	JUNE .	{ 19 20 19	20 4 18		JUNE .	16 11 29	16 2 39
	JULY .	19 9 3	19 14 50		JULY .	16 0 13	15 17 38
	AUG. .	17 21 47	18 0 29		AUG. .	14 12 57	14 10 13
	SEPT. .	16 10 31	16 10 2		SEPT. .	{ 13 1 41	13 3 29
	OCT. .	15 23 15	15 20 1		○	{ 27 20 3	27 9 52
	NOV. .	{ 14 11 59	14 6 50		OCT. .	12 14 25	12 20 27
	○	{ 29 6 21	29 13 54		NOV. .	11 3 9	11 12 11
	DEC. .	14 0 43	13 18 31		DEC. .	10 15 53	11 2 8
1050. F. 31 19 1	JAN. .	12 13 27	12 7 8	1047. B. 31 12 23	JAN. .	9 4 37	9 14 6
	FEB. .	11 2 11	10 20 45		FEB. .	7 17 21	8 0 11
	MAR. .	12 14 55	12 11 19		MAR. .	{ 9 6 5	9 8 43
	APRIL	11 3 39	11 2 39		○	{ 24 0 27	24 7 51
	MAY .	{ 10 16 23	10 18 3		APRIL	7 18 49	7 16 36
	○	{ 25 10 45	25 7 53		MAY .	7 7 33	7 0 33
	JUNE .	9 5 7	9 9 20		JUNE .	5 20 17	5 9 39
	JULY .	8 17 51	8 23 28		JULY .	5 9 1	4 20 53
	AUG. .	7 6 35	7 12 24		AUG. .	3 21 45	3 10 47
	SEPT. .	5 19 19	6 0 19		SEPT. .	{ 2 10 29	2 3 17
	OCT. .	5 8 3	5 11 34		○	{ 17 4 51	17 1 37
	NOV. .	{ 3 20 47	3 22 34		OCT. .	{ 1 23 13	1 21 34
	○	{ 18 15 9	13 13 30			{ 31 11 57	31 16 21
	DEC. .	3 9 31	3 9 26		NOV. .	30 0 41	30 10 7
					DEC. .	29 13 25	30 1 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1046. A. March. <i>d. h. m.</i> 81 18 16		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1043. D. March. <i>d. h. m.</i> 81 11 43		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	28 2 9	28 14 50		○	{ 9 22 57	10 6 2
	FEB. .	26 14 53	27 1 18		JAN. .	{ 24 17 19	24 18 48
	○	{ 18 9 15	18 8 6		FEB. .	23 6 3	23 12 41
	MAR. .	{ 28 8 38	28 9 34		MAR. .	24 18 48	25 4 57
	APRIL .	26 16 22	26 16 42		APRIL .	23 7 32	23 18 47
	MAY .	26 5 6	25 23 36		MAY .	22 20 16	23 6 9
	JUNE .	24 17 50	24 7 24		JUNE .	21 9 0	21 15 32
	JULY .	24 6 34	23 17 12		○	{ 6 3 22	5 16 37
	AUG. .	22 19 18	22 5 47		JULY .	{ 20 21 44	20 23 52
	○	{ 6 13 40	6 17 9		AUG. .	19 10 28	19 8 8
	SEPT. .	{ 21 8 2	20 21 28		SEPT. .	17 23 12	17 17 9
	OCT. .	20 20 46	20 15 41		OCT. .	17 11 56	17 3 31
	NOV. .	19 9 30	19 11 11		NOV. .	16 0 40	15 15 32
	DEC. .	18 22 14	19 6 17		DEC. .	{ 15 13 24	15 5 13
					○	{ 30 7 46	30 19 40
1045. G.F. 81 0 5	JAN. .	17 10 58	17 23 27	1042. C. 81 17 32	JAN. .	14 2 8	13 20 27
	FEB. .	15 28 42	16 13 48		FEB. .	12 14 52	12 12 46
	MAR. .	16 12 27	17 0 59		MAR. .	14 3 37	14 5 31
	APRIL .	15 1 11	15 9 42		APRIL .	12 16 21	12 21 45
	MAY .	14 18 55	14 16 49		MAY .	12 5 5	12 12 41
	JUNE .	13 2 39	12 23 27		JUNE .	{ 10 17 49	11 1 53
	JULY .	12 15 23	12 6 42		○	{ 25 12 11	25 0 31
	AUG. .	11 4 7	10 15 36		JULY .	10 6 33	10 13 21
	SEPT. .	9 16 51	9 8 1		AUG. .	8 19 17	8 23 36
	OCT. .	9 5 35	8 17 26		SEPT. .	7 8 1	7 9 21
	NOV. .	7 18 19	7 10 37		OCT. .	6 20 45	6 19 17
	DEC. .	7 7 8	7 5 38		NOV. .	5 9 29	5 5 47
1044. E. 81 5 54	JAN. .	{ 5 19 47	6 0 56	1041. D.A. 80 23 21	DEC. .	4 22 13	4 17 0
	○	{ 20 14 9	20 13 57		JAN. .	3 10 57	3 4 59
	FEB. .	4 8 31	4 18 57		FEB. .	1 23 41	1 17 49
	MAR. .	5 21 15	6 10 25		MAR. .	2 12 25	{ 2 7 37
	APRIL .	4 9 59	4 22 55		APRIL .	{ 1 1 9	{ 31 22 21
	MAY .	3 22 43	4 8 40			{ 30 13 53	30 13 42
	JUNE .	2 11 27	2 16 34		MAY .	30 2 37	30 5 6
		{ 2 0 11	1 23 40		JUNE .	28 15 21	28 19 54
	JULY ○	{ 16 18 33	16 15 11		JULY .	28 4 5	28 9 42
		{ 31 12 55	31 7 5		AUG. .	26 16 49	26 22 22
	AUG. .	30 1 39	29 15 45		SEPT. .	25 5 33	25 10 12
	SEPT. .	28 14 23	28 2 23		OCT. .	24 18 17	24 21 30
	OCT. .	28 8 7	27 15 30		NOV. .	23 7 1	23 8 30
	NOV. .	26 15 51	26 7 2		DEC. .	22 19 45	22 19 17
	DEC. .	26 4 35	26 0 30				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1040. G. March. d. h. m. 31 5 9		d. h. m.	d. h. m.	B.C. 1037. D.C. March. d. h. m. 30 22 35		d. h. m.	d. h. m.
	JAN. .	21 8 29	21 5 53		JAN. .	18 23 39	19 12 48
	FEB. .	19 21 13	19 16 33		FEB. .	17 12 23	18 0 24
	MAR. .	21 9 58	21 3 48		○	{ 3 6 45	3 3 44
	APRIL	19 22 42	19 16 9		MAR. .	{ 18 1 8	18 9 33
	○	{ 4 17 4	5 1 10		APRIL	16 13 52	16 17 3
	MAY .	{ 19 11 26	19 5 52		MAY .	16 2 36	15 23 50
	JUNE .	18 0 10	17 20 56		JUNE .	14 15 20	14 7 0
	JULY .	17 12 54	17 12 44		JULY .	14 4 4	13 15 41
	AUG. .	16 1 38	16 4 37		AUG. .	{ 12 16 48	12 2 52
	SEPT. .	14 14 22	14 19 53		○	{ 27 11 10	27 15 50
	OCT. .	{ 14 3 6	14 10 8		SEPT. .	11 5 32	10 17 5
	○	{ 28 21 28	28 10 9		OCT. .	10 18 16	10 10 13
	NOV. .	12 15 50	12 23 12		NOV. .	9 7 0	9 5 20
	DEC. .	12 4 34	12 11 2		DEC. .	8 19 44	9 0 52
1039. F. 31 10 58	JAN. .	10 17 18	10 21 41	1036. B.	JAN. .	7 3 28	7 19 10
	FEB. .	9 6 2	9 7 18		FEB. .	{ 5 21 12	6 10 53
	MAR. .	10 18 46	10 16 18		○	{ 20 15 34	20 10 1
	APRIL	{ 9 7 30	9 1 23	31 4 24	MAR. .	7 9 56	7 23 33
	○	{ 24 1 52	24 13 44		APRIL	5 22 40	6 9 21
	MAY .	8 20 14	8 11 26		MAY .	5 11 24	5 17 6
	JUNE .	7 8 53	6 23 16		JUNE .	4 0 8	3 23 51
	JULY .	6 21 42	6 13 14		JULY .	3 12 52	3 6 42
	AUG. .	5 10 26	5 5 13		○	{ 2 1 36	1 14 45
	SEPT. .	3 23 10	3 22 29		AUG. ○	{ 16 19 53	17 0 44
	OCT. .	{ 3 11 54	3 15 59		○	{ 31 14 20	31 0 55
	○	{ 18 6 16	17 19 51		SEPT. .	30 3 4	29 13 53
	NOV. .	2 0 38	2 8 39		OCT. .	29 15 48	29 5 47
	DEC. .	{ 1 13 22	1 23 42		NOV. .	28 4 32	27 23 59
		{ 31 2 6	31 12 41		DEC. .	27 17 16	27 19 15
1038. E. 31 16 47	JAN. .	29 14 50	29 23 34	1035. A.	JAN. .	26 6 0	26 13 59
	FEB. .	28 3 35	28 8 42		○	{ 10 0 22	9 23 4
	MAR. .	29 16 19	29 16 37		FEB. .	{ 24 18 44	25 6 44
	APRIL	28 5 3	28 0 12	31 10 13	MAR. .	26 7 29	26 20 40
	MAY .	27 17 47	27 8 28		APRIL	24 20 13	25 7 42
	JUNE .	26 6 31	25 18 28		MAY .	24 8 57	24 16 27
	JULY .	25 19 15	25 7 1		JUNE .	22 21 41	22 23 54
	AUG. .	24 7 59	23 22 22		JULY .	22 10 25	22 7 10
	SEPT. .	22 20 43	22 16 3		○	{ 6 4 47	6 2 50
	OCT. .	22 9 27	22 10 55		AUG. .	{ 20 23 9	20 15 15
	NOV. .	20 22 11	21 5 31		SEPT. .	19 11 53	19 0 58
	DEC. .	20 10 55	20 22 27		OCT. .	19 0 37	18 12 52
					NOV. .	17 13 21	17 3 12
					DEC. .	17 2 5	16 19 39

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1034. g. March. d. h. m. 81 16 2		d. h. m.	d. h. m.	B.C. 1031. c. March. d. h. m. 81 9 29		d. h. m.	d. h. m.
	JAN. .	15 14 49	15 13 29		JAN. .	12 5 59	12 4 55
	FEB. .	14 3 33	14 7 32		FEB. .	10 18 43	10 15 16
	MAR. .	15 16 18	16 0 35		MAR. .	12 7 28	12 1 53
	APRIL .	14 5 2	14 15 37		APRIL .	10 20 12	10 13 21
	MAY .	13 17 46	14 4 13		MAY .	10 8 56	10 2 10
	JUNE .	12 6 30	12 14 37		○	25 3 18	25 8 33
	JULY .	11 19 14	11 23 32		JUNE .	8 21 40	8 16 31
	AUG. .	10 7 58	10 7 55		JULY .	8 10 24	8 8 5
	SEPT. .	8 20 42	8 16 41		AUG. .	6 23 8	7 0 14
	OCT. .	8 9 26	8 2 29		SEPT. .	5 11 52	5 16 9
	NOV. .	6 22 10	6 13 43		OCT. .	5 0 36	5 7 15
	DEC. .	6 10 54	6 2 29		NOV. .	3 13 20	3 21 8
	○	21 5 16	21 17 6		DEC. .	3 2 4	3 9 43
1033. F.E. 80 21 51	JAN. .	4 23 38	4 16 47	1030. B. 81 15 17	JAN. .	1 14 48 31 3 32	1 20 55 31 6 50
	FEB. .	3 12 22	3 8 21		FEB. .	...	...
	MAR. .	4 1 6	4 0 42		MAR. .	1 16 16 31 5 0	1 15 52 31 0 35
	APRIL .	2 13 50	2 17 5		APRIL .	29 17 44	29 9 49
	MAY .	2 2 34 31 15 18	2 8 41 31 22 51		MAY .	29 6 28	28 20 31
	○	15 9 40	14 23 30		JUNE .	27 19 12	27 9 20
	JUNE .	30 4 2	30 11 13		JULY .	27 7 56	27 0 27
	JULY .	29 16 46	29 22 20		AUG. .	25 20 40	25 17 20
	AUG. .	28 5 30	28 8 31		SEPT. .	24 9 24	24 11 5
	SEPT. .	26 18 14	26 18 32		○	9 3 46	8 18 26
	OCT. .	26 6 58	26 4 53		OCT. .	23 22 8	24 4 32
	NOV. .	24 19 42	24 15 46		NOV. .	22 10 52	22 20 40
	○	9 14 4	9 22 0		DEC. .	21 23 36	22 10 46
	DEC. .	24 8 23	24 3 15				
1032. D. 81 3 40	JAN. .	22 21 10	22 15 24	1029. A.G. 80 21 26	JAN. .	20 12 50	20 22 39
	FEB. .	21 9 54	21 4 24		FEB. .	19 1 4	19 8 26
	MAR. .	22 22 39	22 18 24		MAR. .	19 13 49	19 16 42
	APRIL .	21 11 23	21 9 16		○	3 8 11	3 14 39
	MAY .	21 0 7	21 0 39		APRIL .	13 2 23	13 0 10
	○	4 13 29	4 15 21		MAY .	17 15 17	17 9 49
	JUNE .	19 12 51	19 15 54		JUNE .	16 4 1	15 16 45
	JULY .	19 1 35	19 6 25		JULY .	15 16 45	15 3 57
	AUG. .	17 14 19	17 19 56		AUG. .	14 5 29	13 17 53
	SEPT. .	16 3 3	16 8 27		SEPT. .	12 18 13	12 10 42
	OCT. .	15 15 47	15 20 13		○	27 12 35	27 10 10
	NOV. .	14 4 31	14 7 31		OCT. .	12 6 57	12 5 18
	○	23 22 53	23 21 27		NOV. .	10 19 41	11 0 23
	DEC. .	13 17 15	13 18 23		DEC. .	10 8 25	10 18 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1028. F. March. d. h. m. 31 2 55		d. h. m.	d. h. m.	B.C. 1025. C.B. March. d. h. m. 30 20 22		d. h. m.	d. h. m.
	JAN. .	8 21 9	9 10 6		JAN. .	{ 6 12 19	6 8 25
	FEB. .	7 9 53	7 23 0		○	{ 21 6 41	21 14 40
	MAR. .	{ 8 22 38	9 9 11		FEB. .	5 1 3	5 2 18
	○	{ 23 17 0	23 15 4		MAR. .	5 13 47	5 19 45
	APRIL	7 11 22	7 17 17		APRIL	4 2 31	4 11 48
	MAY .	7 0 6	7 0 12		MAY .	3 15 15	4 1 37
	JUNE .	5 12 50	5 7 1		JUNE .	2 3 59	2 13 9
	JULY .	5 1 34	4 14 49			{ 1 16 43	1 22 52
	AUG. .	3 14 18	3 0 40		JULY ○	{ 16 11 5	15 23 31
	SEPT. .	{ 2 3 2	1 13 15			{ 31 5 27	31 7 36
	○	{ 16 21 24	17 1 25		AUG. .	29 18 11	29 16 18
	OCT. .	{ 1 15 46	1 5 14		SEPT. .	28 6 55	28 1 43
		{ 31 4 30	30 23 34		OCT. .	27 19 39	27 12 19
	NOV. .	29 17 14	29 19 9		NOV. .	26 8 23	26 0 16
	DEC. .	29 5 58	29 14 15		DEC. .	25 21 7	25 13 39
1027. E. 31 8 44	JAN. .	27 18 42	28 7 19	1024. A.	○	{ 9 15 29	10 4 6
	FEB. .	26 7 26	26 21 28		JAN. .	{ 24 9 51	24 4 22
	MAR. .	27 20 10	28 8 32		FEB. .	22 22 35	22 20 7
	APRIL	26 8 54	26 17 9	31 2 10	MAR. .	24 11 20	24 12 22
	MAY .	25 21 38	26 0 15		APRIL	23 0 4	23 4 19
	JUNE .	24 10 22	24 6 58		MAY .	22 12 48	22 19 16
	JULY .	23 23 6	23 14 21		JUNE .	21 1 32	21 8 42
	AUG. .	22 11 50	21 23 28		○	{ 5 19 54	5 7 45
	SEPT. .	21 0 34	20 11 5		JULY .	{ 20 14 16	20 20 38
	OCT. .	20 13 18	20 1 35		AUG. .	19 3 0	19 7 25
	NOV. .	19 2 2	18 18 44		SEPT. .	17 15 44	17 17 33
	DEC. .	18 14 46	18 13 33		OCT. .	17 4 28	17 4 8
					NOV. .	15 17 12	15 14 44
					DEC. .	15 5 56	15 1 51
1026. D. 31 14 33	JAN. .	{ 17 3 30	17 8 36	1023. G.	JAN. .	13 18 40	13 13 28
	○	{ 31 21 52	31 22 25		FEB. .	12 7 24	12 1 44
	FEB. .	15 16 14	16 2 23		MAR. .	13 20 9	13 14 56
	MAR. .	17 4 59	17 17 42	31 7 59	APRIL	12 8 53	12 5 8
	APRIL	15 17 43	16 6 7		MAY .	11 21 37	11 20 11
	MAY .	15 6 27	15 15 55		JUNE .	10 10 21	10 11 34
	JUNE .	13 19 11	13 23 57		JULY .	9 23 5	10 2 39
	JULY .	{ 13 7 55	13 7 19		AUG. .	8 11 49	8 16 58
	○	{ 23 2 17	27 21 56		SEPT. .	7 0 33	7 6 15
	AUG. .	11 20 39	11 15 2		OCT. .	6 13 17	6 18 40
	SEPT. .	10 9 23	10 0 1		NOV. .	5 2 1	5 6 22
	OCT. .	9 22 7	9 10 53		DEC. .	4 14 45	4 17 29
	NOV. .	8 10 51	8 0 1				
	DEC. .	7 23 35	7 15 22				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1022.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1019.		<i>d. h. m.</i>	<i>d. h. m.</i>
F. March. <i>d. h. m.</i> 31 13 48	JAN. .	3 3 20	3 4 6	B. March. <i>d. h. m.</i> 31 7 15	JAN. .	29 7 23	29 21 0
	FEB. .	1 16 13	1 14 17		FEB. .	27 20 7	28 8 23
	MAR. .	3 4 57	3 0 26		MAR. .	29 8 51	29 17 18
	APRIL	1 17 41	1 11 6		APRIL	27 21 35	28 0 35
		1 6 25	30 22 58		MAY .	27 10 19	27 7 15
	MAY ○	16 0 47	16 8 30		JUNE .	25 23 3	25 14 24
		30 19 9	30 12 25		JULY .	23 11 47	24 23 10
	JUNE .	29 7 53	29 3 27		AUG. .	24 0 31	23 10 28
	JULY .	28 20 37	28 19 33		○	7 18 53	7 23 52
	AUG. .	27 9 21	27 11 54		SEPT. .	22 13 15	22 0 50
	SEPT. .	25 22 5	26 3 46		OCT. .	22 1 59	21 18 6
	OCT. .	25 10 49	25 18 34		NOV. .	20 14 43	20 13 17
	○	9 5 11	8 18 30		DEC. .	20 3 27	20 8 49
	NOV. .	23 23 33	24 7 53				
	DEC. .	23 12 17	23 19 53	1018.	JAN. .	18 16 11	19 3 1
				A.	FEB. .	17 4 55	17 18 36
1021.	JAN. .	22 1 1	22 6 18		○	3 23 17	3 17 44
E.D.	FEB. .	20 13 45	20 15 32	31 13 3	MAR. .	18 17 40	19 7 7
30 19 37	MAR. .	21 2 30	21 0 6		APRIL	17 6 24	17 16 50
	APRIL	19 15 14	19 8 45		MAY .	16 19 8	17 0 32
	○	4 9 36	4 20 41		JUNE .	15 7 52	15 7 21
	MAY .	19 3 53	18 18 26		JULY .	14 20 36	14 14 20
	JUNE .	17 16 42	17 6 2		AUG. .	13 9 20	12 22 36
	JULY .	17 5 26	16 20 3		○	28 3 42	28 8 12
	AUG. .	15 13 10	15 12 14		SEPT. .	11 22 4	11 9 0
	SEPT. .	14 6 54	14 5 54		OCT. .	11 10 48	10 22 6
	OCT. .	13 19 38	13 23 53		NOV. .	9 23 32	9 13 53
	○	28 14 0	23 4 35		DEC. .	9 12 16	9 8 2
	NOV. .	12 8 22	12 16 59				
	DEC. .	11 21 6	12 8 16	1017.	JAN. .	8 1 0	8 3 2
				G.F.	FEB. .	6 13 44	6 21 23
1020.	JAN. .	10 9 50	10 21 14		○	21 8 6	21 7 16
C.	FEB. .	8 22 34	9 7 55	30 13 52	MAR. .	7 2 29	7 14 1
31 1 26	MAR. .	10 11 19	10 16 44		APRIL	5 15 13	6 3 49
	APRIL	9 0 3	9 0 19		MAY .	5 3 57	5 14 51
	MAY .	8 12 47	8 7 36		JUNE .	3 16 41	3 23 44
	JUNE .	7 1 31	6 15 40		JULY .	3 5 25	3 7 25
	JULY .	6 14 15	6 1 35			1 12 9	1 15 0
	AUG. .	5 2 59	4 14 11		AUG. ○	16 12 31	16 9 51
	SEPT. .	3 15 43	3 5 43			31 6 53	30 23 26
	OCT. .	3 4 27	2 23 40		SEPT. .	29 19 37	29 9 26
	NOV. .	1 17 11	1 18 50		OCT. .	29 8 21	28 21 28
		1 5 55	1 13 40		NOV. .	27 21 5	27 11 40
	DEC. .	30 18 39	31 6 42		DEC. .	27 9 49	27 3 48

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1016. E. March. d. h. m. 31 0 41		d. h. m.	d. h. m.	B.C. 1013. B.A. March. d. h. m. 30 18 8		d. h. m.	d. h. m.
	JAN. .	25 22 33	25 21 8		JAN. .	23 13 43	23 13 30
	FEB. .	24 11 17	24 14 44		FEB. .	22 2 27	21 23 23
	MAR. .	26 0 1	26 7 26		MAR. .	22 15 11	22 9 25
	APRIL .	24 12 45	24 22 23		APRIL .	21 3 55	20 20 22
	MAY .	24 1 29	24 11 6		MAY .	20 16 39	20 8 49
	JUNE .	22 14 13	22 21 47		○ {	4 11 1	4 15 55
	JULY .	22 2 57	22 7 5		JUNE .	19 5 23	18 23 4
	AUG. .	20 15 41	20 15 57		JULY .	18 18 7	18 14 46
	SEPT. .	19 4 25	19 1 8		AUG. .	17 6 51	17 7 18
	OCT. .	18 17 9	18 11 15		SEPT. .	15 19 35	15 23 48
	NOV. .	17 5 53	16 22 32		OCT. .	15 8 19	15 15 28
	DEC. .	16 18 37	16 11 6		NOV. .	13 21 3	14 5 47
	○	31 12 59	...		DEC. .	13 9 47	13 18 30
1015. D.	JAN. .	{ ...	1 1 30	1012. G.	JAN. .	11 22 31	12 5 36
31 6 30	FEB. .	15 7 21	15 0 57	30 23 56	FEB. .	10 11 15	10 15 13
	MAR. .	13 20 5	13 15 55		MAR. .	12 0 0	11 23 51
	APRIL .	15 8 50	15 7 44		APRIL .	10 12 44	10 8 6
	MAY .	13 21 34	13 23 43		MAY .	10 1 28	9 16 59
	JUNE .	13 10 18	13 15 13		JUNE .	8 14 12	8 3 25
	○	11 23 2	12 5 32		JULY .	8 2 56	7 16 10
	JULY .	26 17 24	26 6 49		AUG. .	6 15 40	6 7 22
	AUG. .	11 11 46	11 18 23		SEPT. .	5 4 24	5 0 33
	SEPT. .	10 0 30	10 5 56		OCT. .	{ 4 17 8	4 18 43
	OCT. .	8 13 14	8 16 41		○	19 11 30	19 3 9
	NOV. .	8 1 58	8 3 11		NOV. .	3 5 52	3 12 42
	DEC. .	6 14 42	6 13 49		DEC. .	2 18 33	3 5 8
	○	{ 6 3 26	6 0 43				
		20 21 48	21 6 3				
1014. C.	JAN. .	4 16 10	4 11 55	1011. F.	JAN. .	{ 1 7 20	1 19 19
31 12 19	FEB. .	3 4 54	2 23 35	31 5 45	FEB. .	30 20 4	31 7 3
	MAR. .	4 17 39	4 12 0		MAR. .	{ 1 8 48	1 16 34
	APRIL .	3 6 23	3 1 23		○	30 21 32	31 0 29
	MAY .	3 6 23	3 1 23		APRIL .	{ 14 15 54	14 21 17
	JUNE .	2 19 7	2 15 51		MAY .	29 10 16	29 7 39
	○	1 7 51	1 7 5		JUNE .	28 23 0	28 15 5
	JULY .	{ 16 2 13	15 22 49		JULY .	27 11 44	26 23 55
	AUG. .	30 20 35	30 22 31		AUG. .	27 0 28	26 11 7
	SEPT. .	30 9 19	30 13 28		SEPT. .	25 13 12	25 1 16
	OCT. .	28 22 3	29 3 35		○	24 1 56	23 18 13
	NOV. .	27 10 47	27 16 42		OCT. .	{ 8 20 18	8 18 51
	DEC. .	26 23 31	27 4 57		NOV. .	23 14 40	23 13 6
	○	25 12 15	25 16 29		DEC. .	22 3 24	22 8 25
		{ 10 6 37	10 5 25			21 16 8	22 2 33
		25 0 59	25 3 17				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1010.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 1007.		<i>d. h. m.</i>	<i>d. h. m.</i>
E. March.	JAN. .	20 4 52	20 18 16	A. March.	JAN. .	16 20 2	16 16 16
<i>d. h. m.</i>	FEB. .	18 17 36	19 7 0	<i>d. h. m.</i>	○	31 14 24	31 23 6
31 11 34	MAR. .	20 6 21	20 16 59	31 5 0	FEB. .	15 8 46	15 9 37
	○	4 0 43	3 21 53		MAR. .	16 21 31	17 2 42
	APRIL	18 19 5	19 0 52		APRIL	15 10 15	15 18 32
	MAY .	18 7 49	18 7 39		MAY .	14 22 59	15 8 23
	JUNE .	16 20 33	16 14 25		JUNE .	13 11 43	13 20 10
	JULY .	16 9 17	15 22 17		JULY .	13 0 27	13 6 16
	AUG. .	14 22 1	14 8 18		○	27 18 49	27 6 34
	SEPT. .	13 10 45	12 21 11		AUG. .	11 13 11	11 15 28
	○	28 5 7	28 9 48		SEPT. .	10 1 55	10 0 39
	OCT. .	12 23 29	12 13 8		OCT. .	9 14 39	9 10 25
	NOV. .	11 12 13	11 7 32		NOV. .	8 3 23	7 21 1
	DEC. .	11 0 57	11 3 6		DEC. .	7 16 7	7 9 3
1009.	JAN. .	9 13 41	9 22 5	1006.	JAN. .	6 4 51	5 22 4
D.C.	FEB. .	8 2 25	8 15 2	g.	○	20 23 13	21 12 26
30 17 23	MAR. .	8 15 10	9 5 2	31 10 49	FEB. .	4 17 35	4 12 13
	APRIL	7 3 54	7 15 59		MAR. .	6 6 20	6 3 22
	MAY .	6 16 38	7 0 34		APRIL	4 19 4	4 19 6
	JUNE .	5 5 22	5 7 41		MAY .	4 7 48	4 10 49
	JULY .	4 18 6	4 14 33		JUNE .	2 20 32	3 1 50
	AUG. .	3 6 50	2 22 10			2 9 16	2 15 35
	SEPT. .	1 19 34	1 7 33		JULY ○	17 3 33	16 15 8
		1 8 18	30 19 20			31 22 0	1 4 1
	OCT. .	30 21 2	30 9 53		AUG. .	30 10 44	30 15 22
	NOV. .	29 9 46	29 2 53		SEPT. .	28 23 23	29 2 12
	DEC. .	28 22 30	28 21 27		OCT. .	28 12 12	28 12 55
					NOV. .	27 0 56	26 23 42
					DEC. .	26 13 40	26 10 41
1008.	JAN. .	27 11 14	27 16 11	1005.	JAN. .	25 2 24	24 21 52
B.	○	11 5 36	11 6 48	P.E.	FEB. .	23 15 8	23 9 34
30 23 12	FEB. .	25 23 58	26 9 40	30 16 38	MAR. .	24 3 52	23 22 8
	MAR. .	27 12 42	28 0 48		APRIL	22 16 36	22 11 50
	APRIL	26 1 26	26 13 10		MAY .	22 5 20	22 2 33
	MAY .	25 14 10	25 23 6		JUNE .	20 18 4	20 18 3
	JUNE .	24 2 54	24 7 21		JULY .	20 6 48	20 9 30
	JULY .	23 15 33	23 15 1		AUG. .	18 19 32	19 0 20
	AUG. .	22 4 22	21 23 7		SEPT. .	17 8 16	17 14 15
	SEPT. .	20 17 6	20 8 25		OCT. .	16 21 0	17 3 12
	OCT. .	20 5 50	19 19 30		NOV. .	15 9 44	15 15 12
	NOV. .	18 18 34	18 8 35		DEC. .	14 22 28	15 2 24
	DEC. .	18 7 18	17 23 40				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 1004. D. March. d. h. m. 30 22 27		d. h. m.	d. h. m.	B.C. 1001. A.G. March. d. h. m. 30 15 53		d. h. m.	d. h. m.
	JAN. .	13 11 12	13 12 47		JAN. .	11 2 23	11 14 50
	FEB. .	11 23 56	11 22 34		FEB. .	9 15 7	10 5 1
	MAR. .	13 12 41	13 8 13		MAR. .	10 3 51	10 16 13
	APRIL	12 1 25	11 18 22		APRIL	8 16 35	9 0 56
	MAY .	11 14 9	11 5 47		MAY .	8 5 19	8 8 3
	○	26 8 31	26 15 49		JUNE .	6 18 3	6 14 41
	JUNE .	10 2 53	9 19 2		JULY .	6 6 47	5 21 55
	JULY .	9 15 37	9 10 5		AUG. .	4 19 31	4 6 48
	AUG. .	8 4 21	8 2 23		SEPT. .	3 8 15	2 18 17
	SEPT. .	6 17 5	6 19 20		○	18 2 37	18 8 2
	OCT. .	6 5 49	6 11 46		OCT. .	2 20 59	2 8 46
	NOV. .	4 18 33	5 3 5		NOV. .	1 9 43	1 2 6
	○	19 12 55	19 2 55		○	30 22 27	30 21 16
	DEC. .	4 7 17	4 16 44		DEC. .	30 11 11	30 16 42
1003. C. 31 4 16	JAN. .	2 20 1	3 4 38	1000. F. 30 21 42	JAN. .	28 23 56	29 10 44
	FEB. .	1 8 45	1 14 49		FEB. .	27 12 40	28 2 11
	MAR. .	2 21 30	2 23 41		○	14 7 2	14 1 23
	APRIL	1 10 14	1 7 48		MAR. .	29 1 24	29 14 38
	○	30 22 58	30 16 4		APRIL	27 14 8	28 0 11
	○	15 17 20	16 3 46		MAY .	27 2 52	27 7 55
	MAY .	30 11 42	30 1 27		JUNE .	25 15 36	25 14 51
	JUNE .	29 0 26	23 12 55		JULY .	25 4 20	24 22 5
	JULY .	28 13 10	23 2 56		AUG. .	23 17 4	23 6 37
	AUG. .	27 1 54	26 19 23		○	7 11 26	7 15 47
	SEPT. .	25 14 38	25 13 27		SEPT. .	22 5 48	21 17 15
	OCT. .	25 3 22	25 7 52		OCT. .	21 18 32	21 6 27
	○	8 21 44	8 13 22		NOV. .	20 7 16	19 22 15
	NOV. .	23 16 6	21 1 20		DEC. .	19 20 0	19 16 4
	DEC. .	23 4 50	23 16 46				
1002. B. 31 10 5	JAN. .	21 17 34	22 5 41	999. E. 31 3 31	JAN. .	18 8 44	18 10 42
	FEB. .	20 6 18	20 16 9		FEB. .	16 21 28	17 4 48
	MAR. .	21 19 2	22 0 37		○	3 15 50	3 15 20
	APRIL	20 7 46	20 7 53		MAR. .	18 10 12	18 21 6
	○	5 2 8	5 8 12		APRIL	16 22 56	17 10 49
	MAY .	19 20 30	19 14 56		MAY .	16 11 40	16 21 56
	JUNE .	18 9 14	17 22 53		JUNE .	15 0 21	15 7 0
	JULY .	17 21 58	17 8 48		JULY .	14 13 8	14 15 1
	AUG. .	16 10 42	15 21 30		AUG. .	13 1 52	12 22 58
	SEPT. .	14 23 26	14 13 13		○	27 20 14	27 17 0
	OCT. .	14 12 10	14 7 24		SEPT. .	11 14 36	11 7 46
	NOV. .	13 0 54	13 2 49		OCT. .	11 3 20	10 13 2
	DEC. .	12 13 38	12 21 46		NOV. .	9 16 4	9 6 7
					DEC. .	9 4 48	8 20 8

JERUSALEM CIVIL TIME.

Mean Vernal Equinox	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 998.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 995.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	7 17 32	7 11 50	G.	JAN. .	4 8 42	4 12 5
March.	FEB. .	6 6 16	6 4 40	March.	FEB. .	2 21 26	2 21 58
<i>d. h. m.</i>	MAR. .	7 19 1	7 21 48	<i>d. h. m.</i>	MAR. .	4 10 10	4 7 22
31 9 20	APRIL	6 7 45	6 14 12	31 2 46	APRIL	2 22 54	2 16 52
	MAY .	5 20 29	6 5 4		MAY .	2 11 38	2 3 21
	JUNE .	4 9 13	4 17 53		JUNE ○	1 0 22	31 15 30
	JULY .	3 21 57	4 4 59			15 18 44	15 23 17
	AUG. .	2 10 41	2 14 46			30 18 6	30 5 39
	SEPT. .	31 23 25	1 0 7		JULY .	30 1 50	29 21 33
	OCT. .	30 12 9	30 9 45		AUG. .	28 14 34	28 14 31
	NOV. .	30 0 53	29 20 6		SEPT. .	27 3 18	27 7 33
	DEC. .	28 18 37	28 7 21		OCT. .	26 16 2	26 23 43
		28 2 21	27 19 43		NOV. .	25 4 46	25 14 26
					DEC. .	24 17 30	25 3 15
997.	○	11 20 43	12 9 47				
C.B.	JAN. .	26 15 5	26 9 3	994.	JAN. .	23 6 15	23 14 12
	FEB. .	25 8 49	24 23 21	F.	FEB. .	21 18 59	21 23 30
30 15 9	MAR. .	25 16 31	25 14 39	31 8 35	MAR. .	23 7 43	23 7 41
	APRIL	21 5 18	24 6 18		APRIL	21 20 27	21 15 33
	MAY .	23 18 2	23 21 42		MAY .	21 9 11	21 0 6
	JUNE .	22 6 46	22 12 14		JUNE .	19 21 55	19 10 22
	○	7 1 8	6 14 14		JULY .	19 10 39	18 23 4
	JULY .	21 19 30	22 1 32		AUG. .	17 23 23	17 14 26
	AUG. .	20 8 14	20 13 41		SEPT. .	16 12 7	16 7 59
	SEPT. .	18 20 58	19 1 0		OCT. .	16 0 51	16 2 37
	OCT. .	18 9 42	18 11 56		○	30 19 13	30 11 56
	NOV. .	16 22 26	16 22 46		NOV. .	14 13 35	14 20 52
	DEC. .	16 11 10	16 9 37		DEC. .	14 2 19	14 13 32
	○	31 5 32	31 15 18				
				993.	JAN. .	12 15 3	13 3 45
				E.D.	FEB. .	11 3 47	11 15 18
996.	JAN. .	14 23 54	14 20 31	30 14 24	MAR. .	11 16 32	12 0 33
A.	FEB. .	13 12 38	13 7 39		APRIL	10 5 16	10 8 10
30 20 58	MAR. .	15 1 22	14 19 26		○	24 23 33	25 3 52
	APRIL	13 14 6	13 8 17		MAY .	9 13 0	9 15 6
	MAY .	13 2 50	12 21 43		JUNE .	8 6 44	7 22 24
	JUNE .	11 15 34	11 13 32		JULY .	7 19 28	7 7 12
	○	26 9 56	26 6 19		AUG. .	6 8 12	5 18 27
	JULY .	11 4 18	11 5 9		SEPT. .	4 20 56	4 8 46
	AUG. .	9 17 2	9 20 36		OCT. .	4 9 40	4 1 56
	SEPT. .	8 5 46	8 11 19		○	19 4 2	19 3 39
	OCT. .	7 18 30	8 1 2		NOV. .	2 22 24	2 21 0
	NOV. .	6 7 14	6 13 43		DEC. .	2 11 8	2 16 28
	DEC. .	5 19 58	6 1 23			31 23 52	...
	○	20 14 20	20 13 21	992.	JAN. .	...	1 10 38

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 992. C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 989. G.F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i>	JAN. .	{ ... 30 12 36	1 10 38 31 2 17	March. <i>d. h. m.</i>	JAN. .	28 3 46 11 22 8	28 0 1 12 7 27
30 20 13	FEB. .	{ ... 1 1 21 30 14 5	... 1 14 53 31 0 33	30 13 39	FEB. .	26 16 30 27 5 15	26 16 51 27 9 33
	MAR. .	{ 14 8 27 29 2 49	14 4 40 29 8 22		MAR. .	25 17 59 25 6 43	26 1 11 25 15 7
	○	{ 28 15 33 27 4 17	28 15 5 26 21 55		MAY .	23 19 27 23 8 11	24 3 12 23 13 45
	APRIL	{ 26 17 1 25 5 45	26 5 55 24 16 5		JUNE .	23 8 11 7 2 33	23 13 45 6 18 45
	MAY .	{ 23 18 29 8 12 51	23 5 8 8 18 17		JULY .	21 20 55 20 9 39	21 23 27 20 9 5
	JUNE .	{ 23 7 13 21 19 57	22 21 10 21 15 33		○	19 22 23 18 11 7	19 19 13 18 6 6
	JULY .	{ 21 8 41 19 21 25	21 11 0 20 5 50		AUG. .	17 23 51 16 12 35	17 17 48 16 6 24
	AUG. .	{ 18 10 9 19 22 53	18 22 33 20 12 25	988. E.	JAN. .	{ 31 6 57 15 1 19	31 20 36 14 19 57
	SEPT. .	{ 3 17 15 18 11 37	3 10 33 18 23 18	30 19 28	FEB. .	16 14 3 15 2 47	16 10 29 15 1 46
	OCT. .	{ 18 0 21 16 13 5	18 7 52 16 15 8		MAR. .	14 15 31 13 4 15	14 17 17 13 8 22
	NOV. .	{ 16 1 49 14 14 33	15 22 12 14 6 7		APRIL	12 16 59 27 11 21	12 22 31 26 22 38
	DEC. .	{ 12 15 45 12 16 1	12 15 45 12 3 41		MAY .	11 5 43 9 18 27	11 11 28 9 23 26
		{ 11 4 45 10 17 29	10 18 14 10 11 1		JUNE .	9 7 11 7 19 55	9 10 46 7 21 48
991. B.					JULY .	7 8 39 5 21 23	7 8 41 5 19 24
31 2 1	JAN. .	{ 9 6 13 7 18 57	9 5 14 7 23 35		○	4 10 7 5 22 52	4 6 9 5 17 17
	FEB. .	{ 22 13 19 9 7 42	22 15 2 9 16 47	987. D.	MAR. .	4 11 36 4 0 20	4 5 15 3 18 31
	MAR. .	{ 7 20 26 7 9 10	8 7 47 7 20 10	31 1 17	APRIL	2 13 4 2 1 48	2 9 5 2 0 36
	○	{ 5 21 54 5 10 38	6 6 16 5 14 49		MAY .	31 14 32 30 3 16	31 16 25 30 7 50
	APRIL	{ 3 23 22 2 12 6	3 22 52 2 7 21		JUNE .	28 16 0 28 4 44	28 22 22 23 11 49
	MAY .	{ 2 0 50 31 13 34	1 16 59 31 4 12		JULY .	26 17 28 26 6 12	27 0 7 26 11 18
	JUNE .	{ 30 2 18 29 15 2	29 17 13 29 7 56		AUG. .		
	JULY .				SEPT. .		
	AUG. .				OCT. .		
	SEPT. .				NOV. .		
	OCT. .				DEC. .		
990. A.							
31 7 50	JAN. .	{ 9 6 13 7 18 57	9 5 14 7 23 35				
	FEB. .	{ 22 13 19 9 7 42	22 15 2 9 16 47				
	○	{ 7 20 26 7 9 10	8 7 47 7 20 10				
	APRIL	{ 5 21 54 5 10 38	6 6 16 5 14 49				
	MAY .	{ 3 23 22 2 12 6	3 22 52 2 7 21				
	JUNE .	{ 2 0 50 31 13 34	1 16 59 31 4 12				
	JULY .	{ 30 2 18 29 15 2	29 17 13 29 7 56				
	AUG. .						
	SEPT. .						
	OCT. .						
	NOV. .						
	DEC. .						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 986. c. March. d. h. m. 31 7 6		d. h. m.	d. h. m.	B.C. 983. F. March. d. h. m. 31 0 32		d. h. m.	d. h. m.
	JAN. .	24 18 56	24 21 25		JAN. .	21 10 6	21 22 48
	FEB. .	23 7 40	23 6 46		FEB. .	19 22 50	20 12 52
	MAR. .	24 20 25	24 15 53		MAR. .	21 11 34	21 23 53
	APRIL .	23 9 9	23 1 20		APRIL .	20 0 18	20 8 26
	MAY .	22 21 53	22 12 37		MAY .	19 13 2	19 15 30
	○	{ 6 16 15	6 23 6		JUNE .	18 1 46	17 22 9
	JUNE .	{ 21 10 37	21 1 40		JULY .	17 14 30	17 5 30
	JULY .	20 23 21	20 16 48		AUG. .	16 3 14	15 14 34
	AUG. .	19 12 5	19 9 30		SEPT. .	14 15 58	14 2 13
	SEPT. .	18 0 49	18 2 54		OCT. .	14 4 42	13 16 50
	OCT. .	17 13 33	17 19 53		NOV. .	12 17 26	12 10 10
	NOV. .	{ 16 2 17	16 11 36		DEC. .	12 6 10	12 5 12
	○	{ 30 20 39	30 11 23				
	DEC. .	15 15 1	16 1 27	982. E. 31 6 21	JAN. .	10 18 54	11 0 27
985. B.A. 80 12 54	JAN. .	14 8 45	14 13 17		FEB. .	9 7 38	9 18 17
	FEB. .	12 16 29	12 23 12		MAR. .	{ 10 20 23	11 9 33
	MAR. .	13 5 13	13 7 39		○	{ 25 14 45	25 8 53
	APRIL .	11 17 57	11 15 23		APRIL .	9 9 7	9 21 49
	MAY .	{ 11 6 41	10 23 19		MAY .	8 21 51	9 7 28
	○	{ 26 1 3	26 10 32		JUNE .	7 10 35	7 15 17
	JUNE .	9 19 25	9 8 29		JULY .	6 23 19	6 22 26
	JULY .	9 8 9	8 19 52		AUG. .	5 12 3	5 5 57
	AUG. .	7 20 53	7 9 59		SEPT. .	{ 4 0 47	3 14 45
	SEPT. .	6 9 37	6 2 41		○	{ 18 19 9	18 23 19
	OCT. .	5 22 21	5 21 6		OCT. .	3 13 31	3 1 37
	NOV. .	{ 4 11 5	4 15 54		NOV. .	2 2 15	1 14 53
	○	{ 19 5 27	18 22 11		DEC. .	{ 1 14 59	1 6 32
	DEC. .	3 28 49	4 9 37			{ 31 3 43	31 0 0
984. G. 80 18 43	JAN. .	2 12 33	3 1 9	981. D.C. 80 12 10	JAN. .	29 16 27	29 18 15
	FEB. .	1 1 18	1 14 0		FEB. .	28 5 11	28 12 0
	MAR. .	2 14 2	3 0 12		○	{ 13 23 33	13 23 16
	APRIL .	{ 1 2 46	1 8 23		MAR. .	{ 28 17 56	29 4 4
	○	{ 30 15 30	30 15 24		APRIL .	27 6 40	27 17 46
	MAY .	{ 15 9 52	15 13 30		MAY .	26 19 24	27 4 59
	JUNE .	{ 30 4 14	29 22 19		JUNE .	25 8 8	25 14 40
	JULY .	28 16 53	28 6 13		JULY .	24 20 52	24 22 43
	AUG. .	28 5 42	27 16 11		AUG. .	23 9 36	23 7 4
	SEPT. .	25 7 10	21 20 53		○	{ 7 3 59	7 0 20
	OCT. .	21 19 54	24 15 15		SEPT. .	{ 21 22 20	21 16 14
	NOV. .	23 8 33	23 10 43		OCT. .	21 11 4	21 2 44
	DEC. .	22 21 22	23 5 49		NOV. .	19 23 43	19 14 51
					DEC. .	19 12 32	19 4 37

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 980. B. March. d. h. m. 30 17 59		d. h. m.	d. h. m.	B.C. 977. F.E. March. d. h. m. 30 11 25		d. h. m.	d. h. m.
	JAN. .	18 1 16	17 19 49		JAN. .	15 16 26	15 20 50
	FEB. .	16 14 0	16 12 5		FEB. .	14 5 10	14 6 18
	MAR. .	18 2 44	18 4 43		MAR. .	14 17 54	14 15 18
	APRIL	16 15 28	16 20 50		APRIL	13 6 38	13 0 15
	MAY .	16 4 12	16 11 41		MAY .	12 19 22	12 10 19
	JUNE .	14 16 56	15 0 47		JUNE .	11 8 6	10 22 13
	JULY .	14 5 40	14 12 14		○	26 2 28	26 6 44
	AUG. .	12 18 24	12 22 33		JULY .	10 20 50	10 12 20
	SEPT. .	11 7 8	11 8 23		AUG. .	9 9 34	9 4 29
	OCT. .	10 19 52	10 18 26		SEPT. .	7 22 18	7 21 52
	NOV. .	9 8 36	9 5 0		OCT. .	7 11 2	7 15 26
	DEC. .	8 21 20	8 16 16		NOV. .	5 23 46	6 8 6
					DEC. .	5 12 30	5 23 4
979. A.	JAN. .	7 10 4	7 4 14	976. D.	JAN. .	4 1 14	4 11 55
30 23 47	○	22 4 26	22 17 55	30 17 14	FEB. .	2 13 58	2 22 39
	FEB. .	5 22 48	5 17 1		MAR. .	4 2 43	4 7 36
	MAR. .	7 11 33	7 6 47		APRIL	2 15 27	2 15 25
	APRIL	6 0 17	5 21 27		MAY .	2 4 11	1 22 57
	MAY .	5 13 1	5 12 46		○	31 16 55	31 7 15
	JUNE .	4 1 45	4 4 9		JUNE .	30 5 39	29 17 24
	JULY .	3 14 29	3 18 57		JULY .	29 18 23	29 6 7
	○	18 8 51	17 21 43		AUG. .	28 7 7	27 21 41
	AUG. .	2 8 13	2 8 46		SEPT. .	26 19 51	26 15 32
	○	31 15 57	31 21 30		OCT. .	26 8 35	26 10 29
	SEPT. .	30 4 41	30 9 23		○	10 2 57	9 20 49
	OCT. .	29 17 25	29 20 45		NOV. .	24 21 19	25 5 5
	NOV. .	28 6 9	28 7 46		DEC. .	24 10 3	24 21 51
	DEC. .	27 18 53	27 18 29				
978. G.	○	11 13 15	11 21 50	975. C.	JAN. .	22 22 47	23 12 3
31 5 26	JAN. .	26 7 37	26 4 59	30 23 3	FEB. .	21 11 31	21 23 21
	FEB. .	24 20 21	24 15 35		MAR. .	23 0 16	23 8 24
	MAR. .	26 9 6	26 2 47		APRIL	21 13 0	21 15 46
	APRIL	24 21 50	24 15 8		○	6 7 22	6 10 22
	MAY .	24 10 34	24 4 55		MAY .	21 1 44	20 22 32
	JUNE .	22 23 18	22 20 2		JUNE .	19 14 28	19 5 46
	○	7 17 40	7 13 55		JULY .	19 3 12	18 14 35
	JULY .	22 12 2	22 11 55		AUG. .	17 15 56	17 1 58
	AUG. .	21 0 46	21 3 52		SEPT. .	16 4 40	15 16 25
	SEPT. .	19 13 30	19 19 10		OCT. .	15 17 24	15 9 45
	OCT. .	19 2 14	19 9 23		○	30 11 46	30 12 31
	NOV. .	17 14 58	17 22 31		NOV. .	14 6 8	14 4 57
	DEC. .	17 3 42	17 10 17		DEC. .	13 18 52	14 0 28
	○	31 22 4	31 21 13				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 974.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 971.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March. <i>d. h. m.</i> 31 4 51	JAN. .	12 7 36	12 18 36	E. March. <i>d. h. m.</i> 30 22 18	JAN. .	8 22 46	8 16 9
	FEB. .	10 20 20	11 10 8		FEB. .	{ 7 11 30	7 7 41
	MAR. .	12 9 4	12 22 33		○	{ 22 5 52	22 15 38
	APRIL	{ 10 21 48	11 8 11		MAR. .	9 0 14	8 23 56
	○	{ 25 16 10	25 11 20		APRIL	7 12 58	7 16 14
	MAY .	10 10 82	10 15 48		MAY .	7 1 42	7 7 44
	JUNE .	8 23 16	8 22 33		JUNE .	5 14 26	5 21 49
	JULY .	8 12 0	8 5 28		JULY .	5 3 10	5 10 15
	AUG. .	7 0 41	6 13 39		AUG. .	{ 3 15 54	3 21 17
	SEPT. .	5 13 28	5 0 1		○	{ 18 10 16	17 21 15
	OCT. .	{ 5 2 12	4 13 13		SEPT. .	2 4 38	2 7 22
	○	{ 19 20 31	20 2 50		OCT. .	{ 1 17 22	1 17 40
	NOV. .	8 14 56	8 4 57		NOV. .	{ 31 6 6	31 4 6
	DEC. .	8 3 40	2 23 35		DEC. .	29 18 50	29 15 2
						29 7 34	29 2 30
973.	JAN. .	{ 1 16 24	1 18 48	970.	JAN. .	27 20 18	27 14 37
A.G.	FEB. .	{ 31 5 8	31 13 24	D.	○	{ 11 14 40	12 4 35
		29 17 53	{ ...		FEB. .	{ 26 9 2	26 3 34
	MAR. .	{ ...	{ 1 5 58		MAR. .	27 21 47	27 17 31
30 10 40	○	{ 80 6 37	80 19 41	31 4 7	APRIL	26 10 31	26 8 22
	APRIL	{ 14 0 59	13 17 48		MAY .	25 23 15	25 23 43
		{ 28 19 21	29 6 32		JUNE .	24 11 59	24 14 57
	MAY .	28 8 5	28 15 11		JULY .	24 0 43	24 5 31
	JUNE .	26 20 49	26 22 33		○	{ 7 19 5	7 6 17
	JULY .	26 9 33	26 5 59		AUG. .	{ 22 13 27	22 19 3
	AUG. .	24 22 17	24 14 12		SEPT. .	21 2 11	21 7 33
	SEPT. .	23 11 1	23 0 6		OCT. .	20 14 55	20 19 28
	OCT. .	22 23 45	22 12 12		NOV. .	19 3 39	19 6 46
	NOV. .	21 12 29	21 2 39		DEC. .	18 16 23	18 17 37
	DEC. .	21 1 13	20 19 10				
972.	JAN. .	19 13 57	19 12 57	969.	JAN. .	17 5 7	17 4 3
F.	FEB. .	18 2 41	18 6 54	C.B.	FEB. .	15 17 51	15 14 19
	○	{ 4 21 3	4 23 7		MAR. .	16 6 35	16 0 51
30 16 29	MAR. .	{ 19 15 26	19 23 48	30 9 56	APRIL	14 19 19	14 12 18
	APRIL	18 4 10	18 14 39		MAY .	14 8 3	14 1 9
	MAY .	17 16 54	18 3 7		JUNE .	12 20 47	12 15 34
	JUNE .	16 5 38	16 13 27		JULY .	12 9 31	12 7 13
	JULY .	15 18 22	15 22 23		AUG. .	10 22 15	10 23 26
	AUG. .	14 7 6	14 6 49		SEPT. .	9 10 59	9 15 26
	SEPT. .	12 19 50	12 15 43		OCT. .	8 23 43	9 6 33
	OCT. .	12 8 34	12 1 40		NOV. .	7 12 27	7 20 28
	NOV. .	10 21 18	10 13 0		DEC. .	7 1 11	7 8 58
	DEC. .	10 10 2	10 1 51				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full E 1.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 968.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 965.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March. <i>d. h. m.</i> 30 15 44	JAN. .	5 13 55	5 20 4	E.D. March. <i>d. h. m.</i> 30 9 11	JAN. .	3 5 5	3 13 44
	FEB. .	4 2 39	4 5 53		FEB. .	1 17 49	2 6 33
	MAR. .	5 15 24	5 14 48		MAR. .	{ 2 6 34	2 20 33
	APRIL .	4 4 8	3 23 26			{ 31 19 18	{ 1 7 58
	MAY .	3 16 52	3 8 40		APRIL .	30 8 2	{ 30 15 53
	JUNE .	{ 2 5 36	1 19 26		MAY .	29 20 46	29 22 57
	○	{ 16 23 58	17 6 24		JUNE .	28 9 30	28 5 41
	JULY .	{ 1 18 20	1 8 22		JULY .	27 22 14	27 13 12
		{ 31 7 4	30 23 39		AUG. .	26 10 58	25 22 30
	AUG. .	29 19 48	29 16 41		SEPT. .	24 23 42	24 10 20
	SEPT. .	28 8 32	28 10 32		OCT. .	24 12 26	24 1 2
	OCT. .	27 21 16	23 4 1		NOV. .	23 1 10	22 18 17
	NOV. .	26 10 0	26 20 5		DEC. .	22 13 54	22 13 8
	○	{ 11 4 22	10 19 50				
	DEC. .	{ 25 22 44	26 10 5	964.	JAN. .	21 2 38	21 8 6
				C.	FEB. .	19 15 22	20 1 41
967.	JAN. .	24 11 28	24 21 46	30 15 0	MAR. .	21 4 7	21 16 48
G.	FEB. .	23 0 12	23 7 24		○	{ 4 22 29	4 16 20
30 21 38	MAR. .	24 12 57	24 15 31		APRIL .	{ 19 16 51	20 5 0
	APRIL .	23 1 41	22 22 55		MAY .	19 5 33	19 14 41
	MAY .	22 14 25	22 6 35		JUNE .	17 18 19	17 22 42
	○	{ 6 8 47	6 17 25		JULY .	17 7 3	17 6 6
	JUNE .	{ 21 3 9	20 15 36		AUG. .	15 19 47	15 13 56
	JULY .	20 15 53	20 2 58		SEPT. .	{ 14 8 31	13 23 5
	AUG. .	19 4 37	18 17 12		○	{ 29 2 53	29 7 17
	SEPT. .	17 17 21	17 10 7		OCT. .	13 21 15	13 10 8
	OCT. .	17 6 5	17 4 51		NOV. .	12 9 59	11 23 25
	NOV. .	{ 15 18 49	15 23 58		DEC. .	11 22 43	11 14 50
	○	{ 30 13 11	30 7 3				
	DEC. .	15 7 33	15 17 52	963.	JAN. .	10 11 27	10 7 54
				H.	FEB. .	9 0 11	9 1 41
966.	JAN. .	13 20 17	14 9 26	30 20 49	MAR. .	{ 10 12 55	10 19 2
F.	FEB. .	12 9 1	12 22 7		○	{ 23 7 17	25 7 5
31 3 22	MAR. .	13 21 45	14 8 5		APRIL .	9 1 39	9 10 58
	APRIL .	12 10 29	12 16 1		MAY .	8 14 23	9 0 34
	MAY .	{ 11 23 13	11 22 53		JUNE .	7 3 7	7 12 1
	○	{ 26 17 35	26 21 11		JULY .	6 15 51	6 21 41
	JUNE .	10 11 57	10 5 43		AUG. .	5 4 33	5 6 29
	JULY .	10 0 41	9 13 37		SEPT. .	{ 3 17 19	3 15 18
	AUG. .	8 13 25	7 23 41		○	{ 18 11 41	18 7 43
	SEPT. .	7 2 9	6 12 33		OCT. .	3 6 3	3 0 51
	OCT. .	6 14 53	6 4 40		NOV. .	1 18 47	{ 1 11 33
	NOV. .	5 3 37	4 23 9		DEC. .	{ 1 7 31	{ 30 23 36
	DEC. .	4 16 21	4 18 45			{ 30 20 15	30 13 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 962.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 959.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March. <i>d. h. m.</i> 31 2 37	JAN. .	29 9 0	29 3 43	○	JAN. .	{ 11 5 43	11 5 1
	FEB. .	27 21 44	27 19 23	D. March. <i>d. h. m.</i> 30 20 4	FEB. .	{ 26 0 10	26 5 25
	MAR. .	29 10 28	29 11 31		MAR. .	24 12 54	24 14 30
	APRIL .	27 23 12	23 3 24		APRIL .	26 1 33	25 22 58
	MAY .	27 11 56	27 18 16		MAY .	24 14 22	24 7 34
	JUNE .	26 0 40	26 7 41		JUNE .	24 3 6	23 17 18
	JULY .	25 13 24	25 19 36		JUNE .	22 15 50	22 5 1
	AUG. .	24 2 8	24 6 26		○	{ 7 10 12	7 14 13
	SEPT. .	22 14 52	22 16 49		JULY .	{ 22 4 31	21 19 10
	OCT. .	22 3 36	22 3 15		AUG. .	20 17 18	20 11 32
	NOV. .	20 16 20	20 13 59		SEPT. .	19 6 2	19 5 20
	DEC. .	20 5 4	20 1 6		OCT. .	18 18 46	18 23 23
					NOV. .	17 7 30	17 16 28
					DEC. .	16 20 14	17 7 33
961. G.F.	JAN. .	18 17 48	18 12 40				
	○	{ 2 12 10	3 1 54	958.	JAN. .	15 8 58	15 20 27
	FEB. .	{ 17 6 32	17 0 53	C.	FEB. .	13 21 42	14 6 57
30 8 26	MAR. .	17 19 17	17 14 2	31 1 53	MAR. .	15 10 27	15 15 36
	APRIL .	16 8 1	16 4 12		APRIL .	13 23 11	13 23 5
	MAY .	15 20 45	15 19 14		MAY .	13 11 55	13 6 20
	JUNE .	14 9 29	14 10 39		JUNE .	12 0 39	11 14 27
	JULY .	{ 13 22 13	14 1 46		JULY .	11 13 23	11 0 31
	○	{ 28 16 35	23 5 21		AUG. .	10 2 7	9 13 20
	AUG. .	12 10 57	12 16 6		SEPT. .	8 14 51	8 5 4
	SEPT. .	10 23 41	11 5 27		OCT. .	8 3 35	7 23 12
	OCT. .	10 12 25	10 17 54		NOV. .	{ 6 16 19	6 18 27
	NOV. .	9 1 9	9 5 37		○	{ 21 10 41	21 5 45
	DEC. .	8 13 53	8 16 44		DEC. .	6 5 3	6 13 15
960. E.	JAN. .	{ 7 2 37	7 3 15	957.	JAN. .	4 17 47	5 6 6
	○	{ 21 20 59	22 5 34	B.A.	FEB. .	3 6 31	3 20 11
	FEB. .	5 15 21	5 13 21	30 7 42	MAR. .	3 19 15	4 7 21
30 14 15	MAR. .	7 4 5	6 23 25		APRIL .	2 7 59	2 16 6
	APRIL .	5 16 49	5 10 3			{ 1 20 43	1 23 18
	MAY .	5 5 33	4 21 55		MAY ○	{ 16 15 5	16 15 44
	JUNE .	3 18 17	3 11 27			{ 31 9 27	31 5 57
	JULY .	{ 3 7 1	3 2 35		JUNE .	29 22 11	29 13 10
	○	{ 18 1 23	17 21 36		JULY .	29 10 55	28 22 6
	AUG. .	{ 1 19 45	1 18 45		AUG. .	27 23 39	27 9 36
		{ 31 8 29	31 11 12		SEPT. .	26 12 23	26 0 13
	SEPT. .	29 21 13	30 3 8		OCT. .	23 1 7	23 17 39
	OCT. .	29 9 57	29 17 57		○	{ 9 19 29	9 21 26
	NOV. .	27 22 41	23 7 18		NOV. .	{ 24 13 51	24 12 54
	DEC. .	27 11 25	27 19 5		DEC. .	24 2 35	24 8 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 956.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 953.		<i>d. h. m.</i>	<i>d. h. m.</i>
G. March. <i>d. h. m.</i> 30 13 30	JAN. .	22 15 20	23 2 26	D.C. March. <i>d. h. m.</i> 30 6 57	JAN. .	20 6 30	20 0 17
	FEB. .	21 4 4	21 17 49		FEB. .	18 19 14	18 15 13
	MAR. .	22 16 48	23 6 6	○	○	4 13 36	4 23 40
	APRIL	21 5 32	21 15 37		MAR. .	19 7 58	19 6 55
	○	5 23 54	5 18 0		APRIL	17 20 42	17 22 50
	MAY .	20 18 16	20 23 14		MAY .	17 9 26	17 14 15
	JUNE .	19 7 0	19 6 1		JUNE .	15 22 10	16 4 31
	JULY .	18 19 44	18 13 8		JULY .	15 10 54	15 17 22
	AUG. .	17 8 23	16 21 33		AUG. .	13 23 38	14 4 58
	SEPT. .	15 21 12	15 8 9	○	○	23 18 0	23 4 36
	OCT. .	15 9 56	14 21 23		SEPT. .	12 12 22	12 15 47
	○	30 4 18	30 11 29		OCT. .	12 1 6	12 2 22
	NOV. .	13 22 40	13 13 29		NOV. .	10 13 50	10 13 3
	DEC. .	13 11 24	13 7 37		DEC. .	10 2 34	9 23 57
955.	JAN. .	12 0 8	12 2 34	952.	JAN. .	8 15 18	8 11 7
F. 30 19 19	FEB. .	10 12 52	10 20 51	B.	FEB. .	7 4 2	6 22 44
	MAR. .	12 1 36	12 13 11	○	○	21 22 24	22 12 25
	APRIL	10 14 20	11 2 47		MAR. .	8 16 46	8 11 4
	○	25 8 42	25 0 58	30 12 46	APRIL	7 5 30	7 0 26
	MAY .	10 3 4	10 13 41		MAY .	6 18 14	6 14 52
	JUNE .	8 15 48	8 22 23		JUNE .	5 6 58	5 6 9
	JULY .	8 4 32	8 6 10		JULY .	4 19 42	4 21 35
	AUG. .	6 17 16	6 13 51		AUG. .	3 8 26	3 12 36
	SEPT. .	5 6 0	4 22 26	○	○	18 2 43	17 14 4
	OCT. .	4 18 44	4 8 36		SEPT. .	1 21 10	2 2 45
	NOV. .	3 7 28	2 20 48		○	1 9 54	1 15 55
	DEC. .	2 20 12	2 11 6		OCT. .	30 22 33	31 4 13
954.	JAN. .	1 8 56	1 3 15	951.	JAN. .	27 12 51	27 12 37
E.	FEB. .	30 21 40	30 20 33	A.	FEB. .	26 1 35	25 22 22
31 1 8	...	...	...	30 18 35	MAR. .	27 14 19	27 8 21
	MAR. ○	1 10 25	1 14 2		APRIL	26 3 3	25 19 17
		16 4 47	16 7 6		MAY .	25 15 47	25 7 49
		30 23 9	31 6 37		JUNE .	24 4 31	23 22 7
	APRIL	29 11 53	29 21 23		JULY .	23 17 15	23 18 58
	MAY .	29 0 37	29 9 59		AUG. .	22 5 59	22 6 35
	JUNE .	27 13 21	27 20 37		SEPT. .	20 18 43	20 23 9
	JULY .	27 2 5	27 5 58		OCT. .	20 7 27	20 14 51
	AUG. .	25 14 49	25 14 54		NOV. .	18 20 11	19 5 8
	SEPT. .	24 3 33	24 0 14		DEC. .	18 8 55	18 17 47
	OCT. .	23 16 17	23 10 27				
	NOV. .	22 5 1	21 21 50				
	DEC. .	21 17 45	21 10 26				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 950. G. March. <i>d. h. m.</i> 31 0 23		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 947. C. March. <i>d. h. m.</i> 30 17 50		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 21 39	17 4 45		JAN. .	13 12 49	13 21 34
	FEB. .	15 10 23	15 14 14		FEB. .	12 1 33	12 14 19
	MAR. .	16 23 8	16 22 44		MAR. .	13 14 18	14 4 5
	APRIL .	15 11 52	15 6 55		APRIL .	12 3 2	12 14 51
	MAY .	15 0 36	14 15 47		MAY .	11 15 46	11 23 16
	JUNE .	13 13 20	13 2 19		JUNE .	10 4 30	10 6 23
	○	28 7 42	28 13 44		JULY .	9 17 14	9 13 17
	JULY .	13 2 4	12 15 13		AUG. .	8 5 58	7 21 4
	AUG. .	11 14 48	11 6 36		SEPT. .	6 18 42	6 6 37
	SEPT. .	10 3 32	10 0 0		OCT. .	6 7 26	5 18 36
	OCT. .	9 16 16	9 18 18		NOV. .	4 20 10	4 9 20
	NOV. .	8 5 0	8 12 13		DEC. .	4 8 54	4 2 26
	DEC. .	7 17 44	8 4 34				
	○	22 12 6	22 4 17				
949. F.E. 30 6 12	JAN. .	6 6 28	6 18 37	946. B. 30 23 39	JAN. .	2 21 33	2 20 59
	FEB. .	4 19 12	5 6 8		FEB. .	1 10 22	1 15 37
	MAR. .	5 7 56	5 15 29		MAR. .	2 23 6	3 8 56
	APRIL .	3 20 40	3 23 16		APRIL .	1 11 50	1 23 52
	MAY .	3 9 24	3 6 22		○	16 6 12	15 23 40
	JUNE .	1 22 8	1 13 50		MAY .	1 0 34	1 12 4
	○	16 16 30	17 0 16		JUNE .	30 13 18	30 21 52
		1 10 52	30 22 47		JULY .	29 2 2	29 6 7
	JULY .	30 23 36	30 10 10		AUG. .	23 14 46	23 13 51
	AUG. .	29 12 20	29 0 32		SEPT. .	27 3 30	26 22 4
	SEPT. .	23 1 4	27 17 42		○	25 16 14	25 7 32
	OCT. .	27 13 48	27 12 43		NOV. .	10 10 36	10 15 9
	NOV. .	26 2 32	26 8 1		DEC. .	25 4 58	24 13 46
	○	10 20 54	10 15 53			23 17 42	23 7 59
	DEC. .	25 15 16	26 2 2			23 6 26	22 23 6
948. D. 30 12 1	JAN. .	24 4 1	24 17 34	945. A.G. 30 5 28	JAN. .	21 19 10	21 15 42
	FEB. .	22 16 45	23 6 6		FEB. .	20 7 54	20 8 58
	MAR. .	24 5 29	24 15 52		MAR. .	20 20 39	21 1 56
	APRIL .	22 18 13	22 23 37		○	4 15 1	4 14 49
	MAY .	22 6 57	22 6 20		APRIL .	19 9 23	19 17 37
	○	6 1 19	6 3 42		MAY .	18 22 7	19 7 21
	JUNE .	20 19 41	20 13 9		JUNE .	17 10 51	17 19 3
	JULY .	20 8 25	19 21 9		JULY .	16 23 35	17 5 8
	AUG. .	18 21 9	18 7 21		AUG. .	15 12 19	15 14 25
	SEPT. .	17 9 53	16 20 28		SEPT. .	14 1 3	13 23 42
	OCT. .	16 22 37	16 12 36		○	28 19 25	28 15 16
	NOV. .	15 11 21	15 7 9		OCT. .	13 13 47	13 9 34
	DEC. .	15 0 5	15 2 42		NOV. .	12 2 31	11 20 26
					DEC. .	11 15 15	11 8 21

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 944.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 941.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.	JAN. .	10 3 59	9 21 23	C.B.	JAN. .	{ 7 19 9	8 3 49
March.	FEB. .	8 16 43	8 11 29	March.	○	{ 22 13 31	22 12 41
<i>d. h. m.</i>	MAR. .	{ 10 5 27	10 2 34	<i>d. h. m.</i>	FEB. .	6 7 53	6 13 52
30 11 16	○	{ 24 23 49	25 7 49	30 4 43	MAR. .	6 20 37	6 22 35
	APRIL	8 18 11	8 18 14		APRIL	5 9 21	5 6 36
	MAY .	8 6 55	8 9 53		MAY .	4 22 5	4 14 49
	JUNE .	6 19 39	7 0 50		JUNE .	3 10 49	3 0 17
	JULY .	6 8 23	6 14 35		JULY .	{ 2 23 33	2 11 53
	AUG. .	4 21 7	5 3 0		○	{ 17 17 55	17 21 45
	SEPT. .	3 9 51	3 14 27		AUG. .	{ 1 12 17	1 2 5
	OCT. .	2 22 35	3 1 21		SEPT. .	{ 31 1 1	30 18 42
	NOV. .	1 11 19	{ 1 12 7		OCT. .	29 18 45	29 12 54
	DEC. .	{ 1 0 3	{ 30 22 56		NOV. .	29 2 29	29 7 24
		{ 30 12 47	30 9 53		DEC. .	27 15 13	28 0 48
						27 3 57	27 16 6
943.	JAN. .	29 1 31	28 21 1	940.	JAN. .	25 16 41	26 4 51
E.	○	{ 12 19 53	13 9 43	A.	FEB. .	24 5 25	24 15 7
30 17 5	FEB. .	{ 27 14 16	27 8 39	30 10 32	MAR. .	25 18 10	25 23 20
	MAR. .	29 3 0	28 21 10		APRIL	24 6 54	24 6 36
	APRIL	27 15 44	27 10 53		MAY .	23 19 38	23 13 40
	MAY .	27 4 28	27 1 40		JUNE .	22 8 22	21 21 47
	JUNE .	25 17 12	25 17 9		JULY .	21 21 6	21 7 47
	JULY .	25 5 56	25 8 37		AUG. .	20 9 50	19 20 47
	○	{ 9 0 18	8 13 7		SEPT. .	18 22 34	18 12 36
	AUG. .	{ 23 18 40	23 23 31		OCT. .	18 11 18	18 6 53
	SEPT. .	22 7 24	22 13 30		NOV. .	17 0 2	17 2 23
	OCT. .	21 20 8	22 2 29		○	{ 1 18 24	1 14 3
	NOV. .	20 8 52	20 14 30		DEC. .	{ 16 12 46	16 21 13
	DEC. .	19 21 36	20 1 38				
942.	JAN. .	18 10 20	18 11 55	939.	JAN. .	15 1 30	15 14 13
D.	○	{ 2 4 42	2 13 7	G.	FEB. .	13 14 14	14 4 16
30 22 54	FEB. .	{ 16 23 4	16 21 36	30 16 21	MAR. .	15 2 50	15 15 1
	MAR. .	18 11 49	18 7 8		APRIL	13 15 43	13 23 45
	APRIL	17 0 33	16 17 15		MAY .	{ 13 4 27	13 6 4
	MAY .	16 13 17	16 4 43		○	{ 27 22 49	27 23 1
	JUNE .	15 2 1	14 18 2		JUNE .	11 17 11	11 13 2
	JULY .	{ 14 14 45	14 9 13		JULY .	11 5 55	10 20 4
	○	{ 29 9 7	29 5 23		AUG. .	9 18 39	9 5 4
	AUG. .	13 3 29	13 1 44		SEPT. .	8 7 23	7 17 2
	SEPT. .	11 16 13	11 18 42		OCT. .	7 20 7	7 8 1
	OCT. .	11 4 57	11 11 11		NOV. .	{ 6 8 51	6 1 4
	NOV. .	9 17 41	10 2 28		○	{ 21 3 13	21 6 2
	DEC. .	9 6 25	9 16 4		DEC. .	5 21 35	5 20 5

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 938. P. March. <i>d. h. m.</i> 30 22 9		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 935. B. March. <i>d. h. m.</i> 30 15 36		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	4 10 19	4 16 14		JAN. .	{ 1 1 29	...
	FEB. .	2 23 3	3 10 6		FEB. .	{ 30 14 13	30 8 17
	MAR. .	4 11 47	5 1 18		MAR. ○	...	28 22 37
	APRIL	3 0 31	3 13 23			{ 1 2 57	...
	MAY .	{ 2 13 15	2 22 57		APRIL	{ 15 21 19	16 7 32
	○	{ 17 7 37	17 0 33		MAY .	{ 30 15 41	30 13 47
	JUNE .	{ 1 1 59	1 6 36		JUNE .	29 4 25	29 5 22
	JULY .	{ 30 14 43	30 13 34		MAY .	28 17 9	28 20 43
	AUG. .	30 3 27	29 20 54		JUNE .	27 5 53	27 11 14
	SEPT. .	28 16 11	28 5 36		JULY .	26 18 37	27 0 33
	OCT. .	27 4 55	26 16 24		AUG. .	25 7 21	25 12 44
	○	26 17 39	26 5 43		○	{ 9 1 43	8 12 16
	NOV. .	{ 10 12 1	10 20 8		SEPT. .	{ 23 20 5	24 0 7
	DEC. .	{ 25 6 23	24 21 44		OCT. .	23 8 49	23 11 7
		24 19 7	24 15 35		NOV. .	21 21 33	21 22 0
					DEC. .	21 10 17	21 8 51
937. E.D. 30 3 58	JAN. .	23 7 52	23 10 12	934. A. 30 21 25	JAN. .	19 23 1	19 19 40
	FEB. .	21 20 36	22 4 9		FEB. .	18 11 45	18 6 44
	MAR. .	22 9 20	22 20 14		○	{ 5 6 7	5 20 5
	APRIL	20 22 4	21 9 48		MAR. .	{ 20 0 30	19 18 29
	○	{ 5 16 26	5 8 5		APRIL	18 13 14	18 7 18
	MAY .	{ 20 10 48	20 20 46		MAY .	18 1 53	17 21 25
	JUNE .	18 23 32	19 5 47		JUNE .	16 14 42	16 12 37
	JULY .	18 12 16	18 13 50		JULY .	16 3 26	16 4 18
	AUG. .	17 1 0	16 21 53		AUG. .	{ 14 16 10	14 19 43
	SEPT. .	15 13 44	15 6 50		○	{ 29 10 32	28 22 3
	OCT. .	15 2 28	14 17 14		SEPT. .	13 4 54	13 10 33
	NOV. .	13 15 12	13 5 23		OCT. .	12 17 38	13 0 19
	DEC. .	13 3 56	12 19 33		NOV. .	11 6 22	11 13 0
					DEC. .	10 19 6	11 0 38
936. C. 30 9 47	JAN. .	11 16 40	11 11 15	933. G.F. 30 3 14	JAN. .	9 7 50	9 11 16
	FEB. .	10 5 24	10 4 2		FEB. .	7 20 34	7 21 1
	MAR. .	{ 11 18 9	11 21 3		MAR. .	8 9 19	8 6 13
	○	{ 26 12 31	26 14 57		APRIL	6 22 3	6 15 46
	APRIL	10 6 53	10 13 20		MAY .	6 10 47	6 2 15
	MAY .	9 19 37	10 4 4		JUNE .	4 23 31	4 14 29
	JUNE .	8 8 21	8 16 53		JULY .	4 12 15	4 4 45
	JULY .	7 21 5	8 3 53		AUG. .	{ 3 0 59	2 20 47
	AUG. .	6 9 49	6 13 42		○	{ 17 19 21	17 13 24
	SEPT. .	4 22 33	4 23 8		SEPT. .	1 13 43	1 13 52
	OCT. .	4 11 17	4 8 51		OCT. .	{ 1 2 27	1 6 59
	NOV. .	3 0 1	2 19 19		NOV. .	{ 30 15 11	30 23 10
	DEC. .	{ 2 12 45	2 6 41		DEC. .	29 3 55	29 13 49
		...	31 18 59			28 16 39	29 2 30

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 932.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 929.		<i>d. h. m.</i>	<i>d. h. m.</i>
E. March. d. h. m. 30 9 2	JAN. .	27 5 23	27 13 17	B.A. March. d. h. m. 30 2 29	JAN. .	24 20 33	25 5 16
	FEB. .	25 18 7	25 22 26		FEB. .	23 9 17	23 21 49
	MAR. .	27 6 51	27 6 30		MAR. .	23 22 1	24 11 26
	APRIL	25 19 35	25 14 19		APRIL	22 10 45	22 22 9
	MAY .	25 8 19	24 22 53		MAY .	21 23 29	22 6 36
	JUNE .	23 21 3	23 9 16		JUNE .	20 12 13	20 13 51
	○	{ 8 15 25	8 21 7		JULY .	20 0 57	19 21 0
	JULY .	{ 23 9 47	22 22 9		AUG. .	18 13 41	18 5 3
	AUG. .	21 22 31	21 13 44		SEPT. .	17 2 25	16 14 52
	SEPT. .	20 11 15	20 7 27		OCT. .	16 15 9	16 3 0
	OCT. .	19 23 59	20 2 9		NOV. .	15 3 53	14 17 41
	NOV. .	18 12 43	18 20 24		DEC. .	14 16 37	14 10 33
	DEC. .	18 1 27	18 12 58				
	○	{ 1 19 49	1 12 41	928.	JAN. .	13 5 21	13 4 45
931.	JAN. .	{ 16 14 11	17 2 59	G.	FEB. .	11 18 5	11 22 59
D.	FEB. .	15 2 55	15 14 21	30 8 18	MAR. .	13 6 50	13 16 1
30 14 51	MAR. .	16 15 40	16 23 25		APRIL	{ 11 19 34	12 6 50
	APRIL	15 4 24	15 6 55		○	{ 26 13 56	26 6 58
	MAY .	14 17 8	14 13 49		MAY .	11 8 18	11 19 4
	JUNE .	{ 13 5 52	12 21 9		JUNE .	9 21 2	10 5 4
	○	{ 28 0 14	23 6 49		JULY .	9 9 46	9 13 87
	JULY .	12 18 36	12 6 5		AUG. .	7 22 30	7 21 45
	AUG. .	11 7 20	10 17 33		SEPT. .	6 11 14	6 6 21
	SEPT. .	9 20 4	9 8 5		OCT. .	{ 5 23 58	5 16 8
	OCT. .	9 8 43	9 1 26		○	{ 20 18 20	20 23 8
	NOV. .	7 21 32	7 20 37		NOV. .	4 12 42	4 3 30
	DEC. .	{ 7 10 16	7 16 4		DEC. .	4 1 26	3 16 35
	○	{ 22 4 38	22 0 43				
930.	JAN. .	5 23 0	6 10 6	927.	JAN. .	2 14 10	{ 2 7 21
C.	FEB. .	4 11 44	5 1 31	F.	FEB. .	1 2 54	{ 31 23 24
30 20 40	MAR. .	6 0 28	6 13 54	30 14 7	MAR. .	2 15 38	2 16 9
	APRIL	4 13 12	4 23 29		APRIL	{ 1 4 22	1 8 43
	MAY .	4 1 56	4 7 6		○	{ 15 22 44	15 22 25
	JUNE .	{ 2 14 40	2 13 47			{ 30 17 6	1 0 13
	○	{ 17 9 2	17 10 10		MAY .	30 5 50	30 14 4
	JULY .	{ 2 3 24	1 20 48		JUNE .	28 18 34	29 2 5
		{ 31 16 8	31 4 47		JULY .	28 7 18	28 12 33
	AUG. .	30 4 52	29 15 10		AUG. .	26 20 2	26 22 25
	SEPT. .	28 17 36	28 4 26		SEPT. .	25 8 46	25 8 10
	OCT. .	28 6 20	27 20 39		○	{ 10 3 8	9 22 57
	NOV. .	26 19 4	26 15 9		OCT. .	{ 24 21 30	24 18 21
	DEC. .	26 7 48	26 10 34		NOV. .	23 10 14	23 5 21
					DEC. .	22 22 58	22 17 4

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 926.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 923.		<i>d. h. m.</i>	<i>d. h. m.</i>
E. March. <i>d. h. m.</i> 30 19 55	JAN. .	21 11 42	21 5 38	A. March. <i>d. h. m.</i> 30 13 22	JAN. .	18 2 52	18 12 25
	FEB. .	20 0 26	19 19 8	○	{ 1 21 14	1 20 14	
	MAR. .	21 13 11	21 9 38	FEB. .	{ 16 15 36	16 22 10	
	○	{ 5 7 33	5 15 30	MAR. .	18 4 21	18 6 31	
	APRIL	{ 20 1 55	20 0 52	APRIL	16 17 5	16 14 10	
	MAY .	19 14 39	19 16 20	MAY .	16 5 49	15 22 4	
	JUNE .	18 3 23	18 7 25	JUNE .	14 18 33	14 7 20	
	JULY .	17 16 7	17 21 33	JULY .	{ 14 7 17	13 18 52	
	AUG. .	16 4 51	16 10 34	○	{ 29 1 39	29 5 25	
	SEPT. .	{ 14 17 35	14 22 35	AUG. .	12 20 1	12 9 12	
	○	{ 29 11 57	28 23 55	SEPT. .	11 8 45	11 2 4	
	OCT. .	14 6 19	14 9 59	OCT. .	10 21 29	10 20 37	
	NOV. .	12 19 3	12 21 3	NOV. .	9 10 13	9 15 27	
	DEC. .	12 7 47	12 7 54	DEC. .	8 22 57	9 9 7	
925. D.C.	JAN. .	10 20 31	10 18 35	922. G.	JAN. .	7 11 41	8 0 29
	FEB. .	{ 9 9 15	9 5 15		FEB. .	6 0 25	6 13 7
	○	{ 24 3 37	24 17 23	30 19 11	MAR. .	7 13 10	7 23 8
30 1 44	MAR. .	9 22 0	9 16 18		APRIL	6 1 54	6 7 10
	APRIL	8 10 44	8 4 16		MAY .	5 14 33	5 14 7
	MAY .	7 23 28	7 17 32		JUNE .	4 3 22	3 21 2
	JUNE .	6 12 12	6 8 9		JULY .	3 16 6	3 5 2
	JULY .	6 0 56	5 23 44		AUG. .	{ 2 4 50	1 15 11
	AUG. .	4 13 40	4 15 36		{ 31 17 34	31 4 13	
	SEPT. .	3 2 24	3 7 5		SEPT. .	30 6 18	29 20 19
	OCT. .	2 15 8	2 21 40		OCT. .	29 19 2	29 14 50
	NOV. .	{ 1 3 52	1 11 8		NOV. .	28 7 46	28 10 24
	{ 30 16 36	30 23 24			○	{ 13 2 8	12 23 35
	DEC. .	30 5 20	30 10 30		DEC. .	{ 27 20 30	28 5 21
924. H.	JAN. .	28 18 4	28 20 30	921. F.E.	JAN. .	26 9 14	26 22 9
	○	{ 12 12 26	12 20 31		FEB. .	24 21 58	25 11 59
	FEB. .	{ 27 6 43	27 5 42	30 1 0	MAR. .	25 10 42	25 22 47
30 7 33	MAR. .	28 19 32	28 14 44		APRIL	23 23 26	24 7 10
	APRIL	27 8 16	27 0 23		MAY .	23 12 10	23 14 12
	MAY .	26 21 0	26 11 30		○	{ 7 6 32	7 5 41
	JUNE .	25 9 44	25 0 41		JUNE .	{ 22 0 54	21 20 52
	JULY .	24 22 28	24 15 57		JULY .	21 13 38	21 4 19
	○	{ 8 16 50	8 13 18		AUG. .	20 2 22	19 13 31
	{ 23 11 12	23 8 49			SEPT. .	18 15 6	18 1 26
	SEPT. .	21 23 56	22 2 18		OCT. .	18 3 50	17 16 16
	OCT. .	21 12 40	21 19 19		NOV. .	16 16 31	16 9 44
	NOV. .	20 1 24	20 10 59		○	{ 1 10 56	1 15 20
	DEC. .	19 14 8	20 0 45		DEC. .	{ 16 5 18	16 4 48

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 920.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 917.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				A.G.			
March.	JAN. .	14 18 2	14 23 57	March.	JAN. .	12 9 12	12 8 28
<i>d. h. m.</i>	FEB. .	13 6 46	13 17 37	<i>d. h. m.</i>	FEB. .	10 21 56	10 16 12
30 6 48	MAR. .	14 19 31	15 8 40	30 0 15	MAR. .	{ 11 10 41	11 5 55
	APRIL	13 8 15	13 20 44		○	{ 26 5 3	26 15 16
	MAY .	{ 12 20 59	13 6 13		APRIL	9 23 25	9 20 38
	○	{ 27 15 21	27 7 17		MAY .	9 12 9	9 11 51
	JUNE .	11 9 43	11 14 1		JUNE .	8 0 53	8 3 13
	JULY .	10 22 27	10 21 12		JULY .	7 13 37	7 18 1
	AUG. .	9 11 11	9 4 49		AUG. .	6 2 21	6 7 52
	SEPT. .	7 23 55	7 13 49		SEPT. .	{ 4 15 5	4 20 38
	OCT. .	7 12 39	7 0 51		○	{ 19 9 27	18 20 6
	Nov. .	{ 6 1 23	5 14 17		OCT. .	4 3 49	4 8 35
	○	{ 20 19 45	21 4 50		Nov. .	2 16 33	2 20 0
	DEC. .	5 14 7	5 6 1		DEC. .	{ 2 5 17	2 7 0
						{ 31 18 1	31 17 41
919.	JAN. .	4 2 51	3 23 30	916.	JAN. .	30 6 45	30 4 6
C.	FEB. .	2 15 35	2 17 42	F.	FEB. .	28 19 29	28 14 37
30 12 37	MAR. .	4 4 20	4 11 13		○	{ 15 13 51	16 8 35
	APRIL	2 17 4	3 3 11	30 6 4	MAR. .	{ 30 8 13	30 1 46
		{ 2 5 43	2 16 42		APRIL	28 20 57	28 14 6
	MAY ○	{ 17 0 10	16 15 12		MAY .	28 9 41	28 3 55
		{ 31 18 32	{ 1 3 50		JUNE .	26 22 25	26 19 6
	JUNE .	30 7 16	{ 30 13 9		JULY .	26 11 9	26 11 5
	JULY .	29 20 0	29 21 34		AUG. .	24 23 53	25 3 6
	AUG. .	28 8 44	28 6 2		○	{ 8 18 15	8 6 9
	SEPT. .	26 21 28	26 15 21		SEPT. .	{ 23 12 37	23 13 28
	OCT. .	26 10 12	26 1 59		OCT. .	23 1 21	23 8 46
	Nov. .	24 22 56	24 14 12		Nov. .	21 14 5	21 21 48
	DEC. .	24 11 40	24 3 59		DEC. .	21 2 49	21 9 21
918.	JAN. .	23 0 24	22 19 12	915.	JAN. .	19 15 33	19 19 54
B.	FEB. .	21 13 8	21 11 24	E.	FEB. .	18 4 17	18 5 17
30 18 26	MAR. .	23 1 52	23 3 56	30 11 52	MAR. .	19 17 2	19 14 5
	APRIL	21 14 36	21 19 57		APRIL	18 5 46	17 23 6
	MAY .	21 3 20	21 10 41		MAY .	17 18 30	17 9 11
	JUNE .	19 16 4	19 23 44		JUNE .	16 7 14	15 21 11
	JULY .	19 4 43	19 11 11		JULY .	15 19 58	15 11 28
	AUG. .	17 17 32	17 21 31		AUG. .	{ 14 8 42	14 3 45
	SEPT. .	16 6 16	16 7 28		○	{ 29 3 4	28 21 33
	OCT. .	15 19 0	15 17 36		SEPT. .	12 21 26	12 21 15
	Nov. .	14 7 44	14 4 15		OCT. .	12 10 10	12 14 58
	DEC. .	13 20 28	13 15 32		Nov. .	10 22 54	11 7 33
					DEC. .	10 11 33	10 22 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 914. D. March. d. h. m. 30 17 41		d. h. m.	d. h. m.	B.C. 911. G. March. d. h. m. 30 11 8		d. h. m.	d. h. m.
	JAN. .	9 0 22	9 11 9		JAN. .	5 15 32	5 18 23
	FEB. .	7 13 6	7 21 41		FEB. .	4 4 16	4 12 49
	MAR. .	9 1 51	9 6 30		MAR. .	5 17 1	6 5 10
	APRIL	7 14 35	7 14 12		APRIL	4 5 45	4 18 40
	MAY .	7 3 19	6 21 42		MAY .	3 18 29	4 5 22
	JUNE .	5 16 3	5 6 4		JUNE .	2 7 12	2 13 54
	JULY .	{ 5 4 47	4 16 18		JULY .	{ 1 19 55	1 21 20
	○	{ 19 23 9	20 4 35			{ 31 8 39	31 4 46
	AUG. .	3 17 31	3 5 15		AUG. .	29 21 23	29 18 9
	SEPT. .	2 6 15	1 21 1		SEPT. .	28 10 7	27 23 14
	OCT. .	{ 1 18 59	1 15 2		OCT. .	27 22 51	27 11 30
		{ 31 7 43	31 10 5		NOV. .	26 11 35	26 2 4
	NOV. .	29 20 27	30 4 37		DEC. .	26 0 19	25 18 37
	DEC. .	29 9 11	29 21 17				
913. C.B.	○	{ 13 3 33	12 21 1	910. F.	JAN. .	24 13 3	24 12 22
	JAN. .	{ 27 21 55	28 11 16		FEB. .	23 1 48	23 6 13
	FEB. .	26 10 39	26 22 25	30 16 57	MAR. .	24 14 38	24 22 57
29 23 30	MAR. .	26 23 23	27 7 13		APRIL	23 3 17	23 13 38
	APRIL	25 12 7	25 14 29		○	{ 7 21 39	7 14 13
	MAY .	25 0 51	24 21 13		MAY .	{ 22 16 1	23 1 59
	JUNE .	23 13 35	23 4 30		JUNE .	21 4 45	21 12 15
	○	{ 8 7 57	8 14 5		JULY .	20 17 29	20 21 10
	JULY .	{ 23 2 19	22 13 29		AUG. .	19 6 13	19 5 45
	AUG. .	21 15 3	21 1 5		SEPT. .	17 13 57	17 14 46
	SEPT. .	20 3 47	19 15 46		OCT. .	17 7 41	17 0 50
	OCT. .	19 16 31	19 9 15		○	{ 1 2 3	1 7 10
	NOV. .	18 5 15	18 4 33		NOV. .	{ 15 20 25	15 12 13
	DEC. .	17 17 59	18 0 2		DEC. .	15 9 9	15 1 11
912. A.	○	{ 1 12 21	1 9 29	909. E.D.	JAN. .	13 21 53	13 15 29
	JAN. .	{ 16 6 43	16 13 2		FEB. .	12 10 37	12 6 59
	FEB. .	14 19 27	15 9 19	29 22 45	MAR. .	12 23 22	12 23 10
30 5 19	MAR. .	16 8 12	16 21 32		APRIL	{ 11 12 6	11 15 23
	APRIL	14 20 56	15 6 59		○	{ 26 6 23	26 5 58
	MAY .	14 9 40	14 14 31		MAY .	11 0 50	11 6 46
	JUNE .	{ 12 22 24	12 21 15		JUNE .	9 13 34	9 20 48
	○	{ 27 16 46	27 16 41		JULY .	9 2 18	9 9 12
	JULY .	12 11 8	12 4 14		AUG. .	7 15 2	7 20 16
	AUG. .	10 23 52	10 12 35		SEPT. .	6 3 46	6 6 36
	SEPT. .	9 12 36	8 23 10		OCT. .	{ 5 16 30	5 16 49
	OCT. .	9 1 20	8 12 34		○	{ 20 10 52	20 6 44
	NOV. .	7 14 4	7 4 48		NOV. .	4 5 14	4 3 19
	DEC. .	7 2 48	6 23 10		DEC. .	3 17 58	3 14 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C.				B.C.			
908.				905.			
c.				G.F.			
March.				March.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
30 4 34	JAN. .	{ 2 6 42	2 1 44	29 22 1	JAN. .	29 10 36	29 20 53
		{ 31 19 26	31 13 48		○	{ 13 4 58	13 3 42
	FEB. .	...	...		FEB. .	{ 27 23 21	28 6 22
	MAR. .	{ 2 8 11	2 2 43		MAR. .	28 12 5	28 14 20
		{ 31 20 55	31 16 36		APRIL	27 0 49	26 21 39
	○	{ 15 15 17	15 23 6		MAY .	26 13 33	26 5 19
	APRIL	{ 30 9 39	30 7 26		JUNE .	25 2 17	24 14 27
	MAY .	29 22 23	29 22 46		JULY .	24 15 1	24 1 59
	JUNE .	28 11 7	28 14 3		○	{ 8 9 23	8 13 10
	JULY .	27 23 51	28 4 37		AUG. .	{ 23 3 45	22 16 26
	AUG. .	26 12 35	26 18 12		SEPT. .	21 16 29	21 9 34
	SEPT. .	25 1 19	25 6 50		OCT. .	21 5 13	21 4 26
	○	{ 9 19 41	9 7 54		Nov. .	19 17 57	19 23 33
	OCT. .	{ 24 14 3	24 18 43		DEC. .	19 6 41	19 17 22
	Nov. .	23 2 47	23 6 2				
	DEC. .	22 15 31	22 16 50	904.	JAN. .	17 19 25	18 8 44
				E.	FEB. .	16 8 9	16 21 12
907.	JAN. .	21 4 15	21 3 11	30 3 50	MAR. .	17 20 53	18 6 59
B.	FEB. .	19 16 59	19 13 22		APRIL	16 9 37	16 14 47
30 10 23	MAR. .	21 5 43	20 23 50		MAY .	15 22 21	15 21 35
	APRIL	19 18 27	19 11 15		JUNE .	14 11 5	14 4 25
	MAY .	19 7 11	19 0 8		JULY .	13 23 49	13 12 27
	JUNE .	17 19 55	17 14 33		AUG. .	12 12 33	11 22 43
	JULY .	17 8 39	17 6 24		SEPT. .	11 1 17	10 11 54
	AUG. .	15 21 23	15 22 41		OCT. .	10 14 1	10 4 8
	SEPT. .	14 10 7	14 14 45		Nov. .	9 2 45	8 22 45
	OCT. .	13 22 51	14 5 55		DEC. .	{ 8 15 29	8 18 23
	Nov. .	12 11 35	12 19 49		○	{ 23 9 51	23 8 26
	DEC. .	12 0 19	12 8 15	903.	JAN. .	7 4 13	7 13 16
906.	JAN. .	10 13 3	10 19 13	D.	FEB. .	5 16 57	6 5 57
A.	FEB. .	{ 9 1 47	9 4 54	30 9 38	MAR. .	7 5 42	7 19 33
30 16 12	○	{ 23 20 9	24 3 48		APRIL	5 13 26	6 6 19
	MAR. .	10 14 32	10 13 42		MAY .	5 7 10	5 14 33
	APRIL	9 3 16	8 22 15		JUNE .	{ 3 19 54	3 21 39
	MAY .	8 16 0	8 7 30		○	{ 18 14 16	18 12 8
	JUNE .	7 4 44	6 18 21		JULY .	3 8 33	3 4 25
	JULY .	6 17 23	6 7 27			{ 1 21 22	1 12 4
	AUG. .	{ 5 6 12	4 22 51		AUG. .	{ 31 10 6	30 21 34
	○	{ 20 0 34	19 21 21		SEPT. .	29 22 50	29 9 36
	SEPT. .	3 18 56	3 16 3		OCT. .	29 11 34	29 0 29
	OCT. .	3 7 40	3 10 0		Nov. .	28 0 18	27 17 51
	Nov. .	1 20 24	2 3 30		○	{ 12 18 40	13 0 16
	DEC. .	{ 1 9 8	1 19 31		DEC. .	{ 27 13 2	27 12 42
		{ 30 21 52	31 9 22				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 902. c. March. d. h. m. 20 15 27		d. h. m.	d. h. m.	B.C. 899. F. March. d. h. m. 30 8 54		d. h. m.	d. h. m.
	JAN. .	26 1 46	26 7 34		JAN. .	22 16 56	22 11 52
	FEB. .	24 14 31	25 1 0		FEB. .	21 5 40	21 0 2
	MAR. .	26 3 15	26 15 53		MAR. .	22 18 24	22 13 6
	APRIL	24 15 59	25 3 54		○	{ 6 12 46	6 22 52
	MAY .	24 4 43	24 13 28		APRIL	{ 21 7 8	21 3 15
	○	{ 7 23 5	7 13 58		MAY .	20 19 52	20 18 18
	JUNE .	{ 22 17 27	22 21 25		JUNE .	19 8 36	19 9 42
	JULY .	22 6 11	22 4 54		JULY .	18 21 20	19 0 53
	AUG. .	20 18 53	20 12 52		AUG. .	17 10 4	17 15 14
	SEPT. .	19 7 39	18 22 11		SEPT. .	{ 15 22 48	16 4 38
	OCT. .	18 20 23	18 9 24		○	{ 30 17 10	30 4 6
	NOV. .	17 9 7	16 22 49		OCT. .	15 11 32	15 17 8
	○	{ 2 3 29	2 13 30		NOV. .	14 0 16	14 4 51
	DEC. .	{ 16 21 51	16 14 18		DEC. .	13 13 0	13 15 56
901. B.A. 29 21 16				898. E. 30 14 43			
	JAN. .	15 10 35	15 7 22		JAN. .	12 1 44	12 2 23
	FEB. .	13 23 19	14 1 3		FEB. .	10 14 28	10 12 24
	MAR. .	14 12 3	14 18 16		MAR. .	{ 12 3 13	11 22 24
	APRIL	13 0 47	13 9 58		○	{ 26 21 36	27 10 58
	MAY .	{ 12 13 31	12 23 31		APRIL	10 15 57	10 8 59
	○	{ 27 7 53	26 22 19		MAY .	10 4 41	9 20 53
	JUNE .	11 2 15	11 10 52		JUNE .	8 17 25	8 10 29
	JULY .	10 14 59	10 20 32		JULY .	8 6 9	8 1 42
	AUG. .	9 3 43	9 5 24		AUG. .	6 18 53	6 17 59
	SEPT. .	7 16 27	7 14 19		SEPT. .	{ 5 7 37	5 10 31
	OCT. .	7 5 11	7 0 0		○	{ 20 1 59	19 14 26
	NOV. .	5 17 55	5 10 49		OCT. .	4 20 21	5 2 30
	DEC. .	5 6 39	4 22 55		NOV. .	3 9 5	3 17 18
900. G. 30 3 5				897. D.C. 29 20 31			
	JAN. .	3 19 23	3 12 21		JAN. .	{ 1 10 33	1 18 18
	FEB. .	2 8 7	2 3 0		○	{ 30 23 17	31 4 28
	MAR. .	3 20 52	3 18 38		FEB. .	29 12 2	29 13 27
	APRIL	2 9 36	2 10 41		MAR. .	30 0 46	29 21 48
	MAY .	{ 1 22 20	2 2 29		APRIL	28 13 30	28 6 23
	○	{ 31 11 4	31 17 17		MAY .	28 2 14	27 16 9
	JUNE .	29 23 48	30 6 39		JUNE .	26 14 58	26 4 0
	JULY .	29 12 32	29 18 35		JULY .	26 3 42	25 18 18
	AUG. .	28 1 16	28 5 29		AUG. .	24 16 26	24 10 51
	SEPT. .	26 14 0	26 15 56		○	{ 8 10 48	8 5 52
	OCT. .	26 2 44	26 2 27		SEPT. .	{ 23 5 10	23 4 47
	NOV. .	24 15 28	24 13 13		OCT. .	22 17 54	22 22 53
	DEC. .	24 4 12	24 0 21		NOV. .	21 6 38	21 15 56
					DEC. .	20 19 22	21 7 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 908. c.				B.C. 905. G.F.			
March.	JAN. .	{ 2 6 42	2 1 44	March.	JAN. .	29 10 36	29 20 53
<i>d. h. m.</i>		{ 31 19 26	31 13 48	<i>d. h. m.</i>	○	{ 13 4 58	13 3 42
30 4 34	FEB. .	...	...	29 22 1	FEB. .	{ 27 23 21	28 6 22
	MAR. .	{ 2 8 11	2 2 43		MAR. .	28 12 5	28 14 20
		{ 31 20 55	31 16 36		APRIL	27 0 49	26 21 39
	○	{ 15 15 17	15 23 6		MAY .	26 13 33	26 5 19
	APRIL	{ 30 9 39	30 7 26		JUNE .	25 2 17	24 14 27
	MAY .	29 22 23	29 22 46		JULY .	24 15 1	24 1 59
	JUNE .	28 11 7	28 14 3		○	{ 8 9 23	8 13 10
	JULY .	27 23 51	28 4 37		AUG. .	{ 23 3 45	22 16 26
	AUG. .	26 12 35	26 18 12		SEPT. .	21 16 29	21 9 34
	SEPT. .	25 1 19	25 6 50		OCT. .	21 5 13	21 4 26
	○	{ 9 19 41	9 7 54		NOV. .	19 17 57	19 23 33
	OCT. .	{ 24 14 3	24 18 43		DEC. .	19 6 41	19 17 22
	NOV. .	23 2 47	23 6 2				
	DEC. .	22 15 31	22 16 50				
907. B.	JAN. .	21 4 15	21 3 11	904. E.	JAN. .	17 19 25	18 8 44
30 10 23	FEB. .	19 16 59	19 13 22	30 3 50	FEB. .	16 8 9	16 21 12
	MAR. .	21 5 43	20 23 50		MAR. .	17 20 53	18 6 59
	APRIL	19 18 27	19 11 15		APRIL	16 9 37	16 14 47
	MAY .	19 7 11	19 0 8		MAY .	15 22 21	15 21 35
	JUNE .	17 19 55	17 14 33		JUNE .	14 11 5	14 4 25
	JULY .	17 8 39	17 6 24		JULY .	13 23 49	13 12 27
	AUG. .	15 21 23	15 22 41		AUG. .	12 12 33	11 22 43
	SEPT. .	14 10 7	14 14 45		SEPT. .	11 1 17	10 11 54
	OCT. .	13 22 51	14 5 55		OCT. .	10 14 1	10 4 8
	NOV. .	12 11 35	12 19 49		NOV. .	9 2 45	8 22 45
	DEC. .	12 0 19	12 8 15		DEC. .	{ 8 15 29	8 18 23
					○	{ 23 9 51	23 8 26
906. A.	JAN. .	10 13 3	10 19 13	903: D.	JAN. .	7 4 13	7 13 16
30 16 12	FEB. .	{ 9 1 47	9 4 54	30 9 38	FEB. .	5 16 57	6 5 57
	○	{ 23 20 9	24 3 43		MAR. .	7 5 42	7 19 38
	MAR. .	10 14 32	10 13 42		APRIL	5 18 26	6 6 19
	APRIL	9 3 16	8 22 15		MAY .	5 7 10	5 14 38
	MAY .	8 16 0	8 7 30		JUNE .	{ 3 19 54	3 21 39
	JUNE .	7 4 44	6 18 21		○	{ 18 14 16	18 12 8
	JULY .	6 17 28	6 7 27		JULY .	3 8 38	3 4 25
	AUG. .	{ 5 6 12	4 22 51		AUG. .	{ 1 21 22	1 12 4
	○	{ 20 0 34	19 21 21			{ 31 10 6	30 21 34
	SEPT. .	3 18 56	3 16 3		SEPT. .	29 22 50	29 9 26
	OCT. .	3 7 40	3 10 0		OCT. .	29 11 34	29 0 29
	NOV. .	1 20 24	2 3 30		NOV. .	28 0 18	27 17 51
	DEC. .	{ 1 9 8	1 19 31		○	{ 12 18 40	13 0 16
		{ 30 21 52	31 9 22		DEC. .	{ 27 13 2	27 12 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 896.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 893.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March.	JAN. .	19 8 6	19 19 39	F.E. March.	JAN. .	16 23 16	17 2 5
<i>d. h. m.</i>	FEB. .	17 20 50	18 5 57	<i>d. h. m.</i>	FEB. .	15 12 0	15 20 13
30 2 20	MAR. .	19 9 34	19 14 25	29 19 47	MAR. .	16 0 44	16 12 20
	APRIL	17 22 18	17 21 48		APRIL	14 13 28	15 1 45
	MAY .	17 11 2	17 5 2		MAY .	14 2 12	14 12 30
	JUNE .	15 23 46	15 13 14		JUNE .	12 14 56	12 21 13
	JULY .	{ 15 12 30	14 23 28		JULY .	12 3 40	12 4 57
	O	{ 30 6 52	30 12 7		AUG. .	10 16 21	10 12 44
	AUG. .	14 1 14	13 12 28		SEPT. .	9 5 8	8 21 28
	SEPT. .	12 13 58	12 4 26		OCT. .	8 17 52	8 7 48
	OCT. .	12 2 42	11 22 43		NOV. .	7 6 26	6 20 8
	NOV. .	10 15 26	10 18 2		DEC. .	6 19 20	6 10 32
	DEC. .	10 4 10	10 12 46				
895.	JAN. .	{ 8 16 54	9 5 28	892.	JAN. .	5 8 4	5 2 41
A.	O	{ 23 11 16	23 5 15	D.	FEB. .	3 20 43	3 19 56
30 8 9	FEB. .	7 5 38	7 19 21	30 1 36	MAR. .	5 9 33	5 13 20
	MAR. .	8 18 23	9 6 20		APRIL	3 22 17	4 5 45
	APRIL	7 7 7	7 14 54		MAY .	{ 3 11 1	3 20 24
	MAY .	6 19 51	6 21 58		O	{ 18 5 23	17 21 27
	JUNE .	5 8 35	5 4 38		JUNE .	1 23 45	2 8 54
	JULY .	{ 4 21 19	4 11 57		JULY .	{ 1 12 29	1 19 29
	O	{ 19 15 41	19 21 5		AUG. .	29 13 57	29 13 54
	AUG. .	3 10 3	2 21 3		SEPT. .	28 2 41	27 23 20
	SEPT. .	1 22 47	{ 1 8 47		OCT. .	27 15 25	27 9 39
	OCT. .	{ 1 11 31	{ 30 23 36		O	{ 11 9 47	11 15 15
	NOV. .	29 12 59	29 12 32		NOV. .	{ 26 4 9	25 21 8
	DEC. .	29 1 43	29 7 57		DEC. .	25 16 53	25 9 45
	O	{ 12 20 5	12 18 10	891.	JAN. .	24 5 37	23 23 34
894.	JAN. .	{ 27 14 27	28 1 49	C.	FEB. .	22 18 21	22 14 26
G.	FEB. .	26 3 11	26 16 58	30 7 24	MAR. .	24 7 6	24 6 6
30 13 53	MAR. .	27 15 56	28 4 3		APRIL	22 19 50	22 21 57
	APRIL	26 4 40	26 14 24		O	{ 7 14 12	7 13 28
	MAY .	25 17 24	25 21 56		MAY .	{ 22 8 34	22 13 18
	JUNE .	24 6 8	24 4 45		JUNE .	20 21 18	21 3 32
	O	{ 9 0 30	8 23 18		JULY .	20 10 2	20 16 22
	JULY .	{ 23 18 52	23 11 56		AUG. .	18 22 46	19 4 0
	AUG. .	22 7 36	21 20 32		SEPT. .	17 11 30	17 14 54
	SEPT. .	20 20 20	20 7 20		OCT. .	{ 17 0 14	17 1 34
	OCT. .	20 9 4	19 20 50		O	{ 31 18 36	31 14 38
	NOV. .	18 21 48	18 13 1		NOV. .	15 12 58	15 12 16
	DEC. .	18 10 32	18 7 11		DEC. .	15 1 42	14 23 11

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 890. B. March. <i>d. h. m.</i> 30 18 13		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 887. E. March. <i>d. h. m.</i> 30 6 39		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	13 14 26	13 10 19		JAN. .	10 5 36	10 17 52
	FEB. .	12 3 10	11 21 52		FEB. .	{ 8 18 20	9 5 14
	MAR. .	13 15 54	13 10 9		○	{ 23 12 42	23 11 2
	APRIL	{ 12 4 38	11 23 28		MAR. .	10 7 4	10 14 23
	○	{ 26 23 0	27 6 35		APRIL	8 19 43	8 22 2
	MAY .	11 17 22	11 13 57		MAY .	8 8 32	8 5 5
	JUNE .	10 6 6	10 5 13		JUNE .	6 21 16	6 12 35
	JULY .	9 18 50	9 20 42		JULY .	6 10 0	5 21 40
	AUG. .	8 7 31	8 11 45		AUG. .	{ 4 22 44	4 9 14
	SEPT. .	6 20 18	7 1 57		○	{ 19 17 6	19 21 2
	OCT. .	{ 6 9 2	6 15 11		SEPT. .	3 11 28	2 23 50
	○	{ 21 3 21	20 15 50		OCT. .	3 0 12	2 17 11
	NOV. .	4 21 46	5 3 29		NOV. .	1 12 56	1 12 19
	DEC. .	4 10 30	4 14 57		DEC. .	{ 1 1 40	1 7 46
						{ 30 14 24	31 1 30
889. A.G. 29 19 2	JAN. .	2 23 14	3 1 30	886. D. 30 12 28	JAN. .	29 3 8	29 16 49
	FEB. .	1 11 58	1 11 40		FEB. .	27 15 52	28 5 7
	MAR. .	{ 2 0 43	1 21 21		MAR. .	29 4 37	29 14 43
	APRIL	{ 31 13 27	31 7 17		APRIL	27 17 21	27 22 19
	MAY .	30 2 11	29 18 13		MAY .	27 6 5	27 5 1
	JUNE .	29 14 55	29 6 47		JUNE .	25 18 49	25 11 53
	JULY .	28 3 39	27 21 12		JULY .	25 7 33	24 20 1
	AUG. .	27 16 23	27 13 9		AUG. .	23 20 17	23 6 25
	SEPT. .	26 5 7	26 5 54		SEPT. .	22 9 1	21 19 46
	OCT. .	24 17 51	24 22 31		OCT. .	21 21 45	21 12 7
	NOV. .	24 6 35	24 14 15		NOV. .	20 10 29	20 6 45
	DEC. .	22 19 19	23 4 30		DEC. .	19 23 13	20 2 18
		22 8 3	22 17 2				
888. F. 30 0 51	JAN. .	20 20 47	21 3 52	885. C.B. 29 13 17	○	{ 3 17 35	3 17 15
	FEB. .	19 9 31	19 13 13		JAN. .	{ 18 11 57	18 21 3
	○	{ 6 3 53	6 10 55		FEB. .	17 0 41	17 13 31
	MAR. .	{ 20 22 16	20 21 35		MAR. .	17 13 25	18 3 6
	APRIL	19 11 0	19 5 42		APRIL	16 2 9	16 13 40
	MAY .	18 23 44	18 14 36		MAY .	15 14 53	15 21 59
	JUNE .	17 12 28	17 1 15		JUNE .	14 3 37	14 5 4
	JULY .	17 1 12	16 14 17		JULY .	13 16 21	13 12 3
	AUG. .	{ 15 13 56	15 5 53		AUG. .	12 5 5	11 19 58
	○	{ 30 8 18	30 5 32		SEPT. .	10 17 49	10 5 42
	SEPT. .	14 2 40	13 23 25		OCT. .	10 6 33	9 17 53
	OCT. .	13 15 24	13 17 50		NOV. .	8 19 17	8 8 46
	NOV. .	12 4 8	12 11 48		DEC. .	{ 8 8 1	8 1 58
	DEC. .	11 16 52	12 3 59		○	{ 23 2 23	23 9 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 884.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 881.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March. <i>d. h. m.</i> 30 0 6	JAN. .	6 20 45	6 20 31	ED. March. <i>d. h. m.</i> 29 17 32	JAN. .	4 11 55	4 9 5
	FEB. .	5 9 29	5 15 1		FEB. .	3 0 39	2 20 9
	MAR. .	6 22 14	7 8 10		MAR. .	3 13 24	3 7 44
	APRIL	5 10 58	5 22 55		APRIL	{ 2 2 8	1 20 13
	MAY .	4 23 42	5 10 57		○	{ 16 20 30	17 6 23
	JUNE .	{ 3 12 26	3 20 39		MAY .	{ 1 14 52	1 9 55
	○	{ 18 6 48	17 20 42			{ 31 3 36	31 0 44
	JULY .	3. 1 10	3 4 53		JUNE .	29 16 20	29 16 15
	AUG. .	{ 1 13 54	1 12 42		JULY .	29 5 4	29 7 46
		{ 31 2 38	30 21 3		AUG. .	27 17 48	27 22 44
	SEPT. .	29 15 22	29 6 40		SEPT. .	23 6 32	26 12 46
	OCT. .	29 4 6	28 18 3		○	{ 11 0 54	10 12 15
	NOV. .	27 16 50	27 7 22		OCT. .	{ 25 19 16	26 1 46
	○	{ 12 11 12	12 22 7		NOV. .	24 8 0	24 13 46
	DEC. .	{ 27 5 31	26 22 32		DEC. .	23 20 44	24 0 51
883.	JAN. .	25 13 18	25 15 6	880.	JAN. .	22 9 28	22 11 2
G. 20 5 55	FEB. .	24 7 2	24 8 17	C. 29 23 21	FEB. .	20 22 12	20 20 36
	MAR. .	25 19 47	26 1 8		MAR. .	22 10 57	22 6 3
	APRIL	24 8 31	24 16 41		○	{ 6 5 19	6 18 9
	MAY .	23 21 15	24 6 18		APRIL	{ 20 23 41	20 16 8
	○	{ 7 15 37	7 5 27		MAY .	20 12 25	20 3 40
	JUNE .	{ 22 9 50	22 17 56		JUNE .	19 1 9	18 17 4
	JULY .	21 22 43	22 4 2		JULY .	18 13 53	18 8 22
	AUG. .	20 11 27	20 13 22		AUG. .	17 2 37	17 1 0
	SEPT. .	19 0 11	18 22 46		SEPT. .	{ 15 15 21	15 18 5
	OCT. .	18 12 55	18 8 43		○	{ 30 9 43	29 22 51
	NOV. .	17 1 39	16 19 41		OCT. .	15 4 5	15 10 37
	DEC. .	16 14 23	16 7 30		NOV. .	13 16 49	14 1 52
					DEC. .	13 5 33	13 15 22
882.	JAN. .	15 3 7	14 20 39	879.	JAN. .	11 18 17	12 3 0
F. 30 11 44	FEB. .	13 15 51	13 10 43	B. 30 5 10	FEB. .	10 7 1	10 12 54
	MAR. .	15 4 35	15 1 45		MAR. .	11 19 45	11 21 28
	APRIL	13 17 19	13 17 22		APRIL	10 8 29	10 5 23
	MAY .	13 6 3	13 8 57		MAY .	9 21 13	9 13 36
	JUNE .	11 18 47	11 23 52		JUNE .	8 9 57	7 23 9
	JULY .	11 7 31	11 13 35		JULY .	7 22 41	7 10 53
	AUG. .	9 20 15	10 2 3		AUG. .	6 11 25	6 1 16
	SEPT. .	8 8 59	8 13 32		SEPT. .	{ 5 0 9	4 18 5
	OCT. .	7 21 43	8 0 30		○	{ 19 18 31	19 14 18
	NOV. .	6 10 27	6 11 21		OCT. .	4 12 53	4 12 25
	DEC. .	5 23 11	5 22 11		NOV. .	3 1 37	3 6 56
					DEC. .	2 14 21	3 0 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 878. A.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 875. D. March. <i>d. h. m.</i> 30 4 25		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 30 10 59	JAN. .	{ 1 3 5 30 15 49	1 15 27 31 4 0		JAN. .	27 6 59	27 9 38
	FEB. .	...	...		FEB. .	25 19 43	26 3 26
	MAR. .	{ 1 4 34 30 17 18	1 14 5 30 22 14		MAR. .	27 8 28	27 19 23
	APRIL	29 6 2	29 5 20		APRIL	25 21 12	26 8 45
	MAY .	28 18 46	28 12 24		MAY .	25 9 56	25 19 36
	JUNE .	27 7 30	26 20 30		JUNE .	23 22 40	24 4 34
	JULY .	26 20 14	26 6 45		JULY .	23 11 24	23 12 33
	AUG. .	25 8 58	24 19 53		AUG. .	22 0 8	21 20 49
	SEPT. .	23 21 42	23 12 2		SEPT. .	20 12 52	20 5 54
	OCT. .	23 10 26	23 6 33		OCT. .	20 1 36	19 16 23
	NOV. .	21 23 10	22 2 2		NOV. .	18 14 20	18 4 48
	DEC. .	21 11 54	21 20 52		DEC. .	18 8 4	17 18 57
877. G.F.	JAN. .	20 0 33	20 13 52	874. C. 30 10 14	JAN. .	16 15 48	16 10 39
	○	{ 3 19 0	3 13 21		FEB. .	15 4 32	15 3 22
	FEB. .	{ 18 13 22	19 3 17		MAR. .	16 17 16	16 20 17
29 16 48	MAR. .	19 2 7	19 14 5		APRIL	15 6 0	15 12 26
	APRIL	17 14 51	17 22 28		MAY .	{ 14 18 44 29 13 6	15 3 4 29 4 41
	MAY .	17 3 35	17 5 26		○	{ 29 13 6	29 4 41
	JUNE .	15 16 19	15 12 5		JUNE .	13 7 28	13 15 46
	JULY .	{ 15 5 3 29 23 25	14 19 31 30 4 10		JULY .	12 20 12	13 2 46
	○	{ 29 23 25	30 4 10		AUG. .	11 8 56	11 12 38
	AUG. .	13 17 47	13 4 45		SEPT. .	9 21 40	9 22 9
	SEPT. .	12 6 31	11 16 39		OCT. .	9 10 24	9 8 0
	OCT. .	11 19 15	11 7 36		NOV. .	{ 7 23 8 22 17 30	7 18 33 22 23 19
	NOV. .	10 7 59	10 1 15		○	{ 22 17 30	22 23 19
	DEC. .	9 20 43	9 20 30		DEC. .	7 11 52	7 5 57
876. E.	JAN. .	{ 8 9 27 23 3 49	8 15 46 23 2 45	873. B.A. 29 16 3	JAN. .	6 0 36	5 18 15
	○	{ 23 3 49	23 2 45		FEB. .	4 13 20	4 7 31
	FEB. .	6 22 11	7 9 27		MAR. .	5 2 5	4 21 48
29 22 37	MAR. .	8 10 55	9 0 27		APRIL	3 14 49	3 12 55
	APRIL	6 23 39	7 12 24		MAY .	{ 3 3 33 17 21 55	3 4 27 17 20 54
	MAY .	6 12 23	6 21 43		○	{ 17 21 55	17 20 54
	JUNE .	5 1 7	5 5 19		JUNE .	1 16 17	1 19 46
	JULY .	{ 4 13 51 19 8 13	4 12 18 19 5 57		JULY .	{ 1 5 1 30 17 45	1 10 17 30 23 37
	○	{ 19 8 13	19 5 57		AUG. .	29 6 29	29 12 14
	AUG. .	3 2 35	2 19 45		SEPT. .	27 19 13	27 23 17
	SEPT. .	1 15 19	{ 1 4 33 30 15 38		OCT. .	27 7 57	27 10 21
	○	{ 1 4 3	30 15 38		○	{ 11 2 19	10 22 34
	OCT. .	{ 30 16 47	30 5 13		NOV. .	{ 25 20 41	25 21 15
	NOV. .	29 5 31	23 21 15		DEC. .	25 9 25	25 8 3
	DEC. .	23 18 15	23 15 7				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 872. G. March. d. h. m. 29 21 52		d. h. m.	d. h. m.	B.C. 869. D.C. March. d. h. m. 29 15 18		d. h. m.	d. h. m.
	JAN. .	23 22 9	23 18 48		JAN. .	21 13 19	22 2 14
	FEB. .	22 10 53	22 5 48		FEB. .	20 2 3	20 13 28
	MAR. .	23 23 38	23 17 30		○	{ 5 20 25	5 18 14
	APRIL	22 12 22	22 6 19		MAR. .	{ 20 14 48	20 22 16
	○	{ 7 6 44	7 13 59		APRIL	19 3 32	19 5 39
	MAY .	{ 22 1 6	21 20 27		MAY .	18 16 16	18 12 30
	JUNE .	20 13 50	20 11 42		JUNE .	17 5 0	16 19 55
	JULY .	20 2 34	20 3 27		JULY .	16 17 44	16 4 59
	AUG. .	18 15 18	18 19 0		AUG. .	{ 15 6 28	14 16 40
	SEPT. .	17 4 2	17 9 50		○	{ 30 0 50	30 5 0
	OCT. .	{ 16 16 46	16 23 37		SEPT. .	13 19 12	13 7 25
	○	{ 31 11 8	31 0 13		OCT. .	18 7 56	13 0 57
	NOV. .	15 5 30	15 12 18		NOV. .	11 20 40	11 20 15
	DEC. .	14 18 14	14 23 53		DEC. .	11 9 24	11 15 39
871. F. 30 8 41	JAN. .	13 6 58	13 10 24	868. B. 29 21 7	JAN. .	9 22 8	10 9 32
	FEB. .	11 19 42	11 20 2		FEB. .	{ 8 10 52	9 0 45
	MAR. .	13 8 26	13 5 12		○	{ 28 5 14	22 23 35
	APRIL	11 21 10	11 14 37		MAR. .	9 23 36	10 12 53
	MAY .	11 9 54	11 1 9		APRIL	8 12 20	8 22 17
	JUNE .	9 22 33	9 13 27		MAY .	8 1 4	8 5 47
	JULY .	9 11 22	9 3 50		JUNE .	6 13 48	6 12 28
	AUG. .	8 0 6	7 20 0		JULY .	6 2 32	5 19 24
	SEPT. .	6 12 50	6 13 13		AUG. .	4 15 16	4 3 42
	OCT. .	6 1 34	6 6 24		SEPT. .	3 4 0	2 14 16
	NOV. .	4 14 18	4 22 33		OCT. .	2 16 44	{ 2 3 46
	DEC. .	4 3 2	4 13 10		NOV. .	{ 1 5 28	{ 31 20 10
					DEC. .	{ 30 18 12	30 14 46
870. E. 30 9 30	JAN. .	2 15 46	3 1 45	867. A. 30 2 56	DEC. .	30 6 56	30 10 8
	FEB. .	1 4 30	1 12 22		○	{ 14 1 18	14 1 58
	MAR. .	{ 2 17 15	2 21 21		JAN. .	{ 28 19 40	29 4 41
	○	{ 17 11 37	17 17 54		FEB. .	27 8 24	27 21 2
	APRIL	{ 1 5 59	1 5 18		MAR. .	28 21 9	29 10 26
	MAY .	{ 30 18 43	30 13 5		APRIL	27 9 53	27 20 58
	JUNE .	30 7 27	29 21 42		MAY .	26 22 37	27 5 19
	JULY .	28 20 11	28 8 12		JUNE .	25 11 21	25 12 34
	AUG. .	28 8 55	27 21 16		JULY .	25 0 5	24 19 48
	○	{ 26 21 39	26 13 2		AUG. .	23 12 49	23 3 59
	SEPT. .	{ 10 16 1	10 13 50		SEPT. .	22 1 33	21 13 59
	OCT. .	{ 25 10 23	25 6 55		OCT. .	21 14 17	21 2 19
	NOV. .	24 23 7	25 1 42		NOV. .	20 3 1	19 17 9
	DEC. .	23 11 51	23 19 57		DEC. .	19 15 45	19 10 5
		23 0 35	23 12 22				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 866. G. March. d. h. m. 30 8 45	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . ○	d. h. m. { 3 10 7 18 4 29 16 17 13 18 5 58 16 18 42 14 20 10 29 14 32 14 8 54 12 21 33 11 10 22 10 23 6 9 11 50 { 9 0 31 23 18 56	d. h. m. 3 17 55 18 4 14 16 22 23 18 15 14 17 5 50 15 3 52 29 3 30 14 12 26 12 20 38 11 5 22 10 15 18 9 2 48 8 15 58 24 6 40	B.C. 863. C. March. d. h. m. 30 2 11	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	d. h. m. 14 19 39 13 8 23 14 21 8 { 13 9 52 28 4 14 12 22 36 11 11 20 11 0 4 9 12 48 8 1 32 { 7 14 16 22 8 38 6 3 0 5 15 44	d. h. m. 14 17 45 13 4 19 14 15 19 13 3 15 28 13 47 12 16 32 11 7 12 10 22 52 9 14 50 8 6 22 7 21 0 21 20 32 6 10 27 5 22 41
865. F.E. 29 14 31	JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	7 13 18 6 2 2 6 14 46 5 3 30 4 16 14 { 3 4 53 17 23 20 2 17 42 1 6 26 30 19 10 29 7 54 23 20 38 27 9 22 26 22 6	7 6 43 5 22 45 6 15 25 5 7 52 4 23 16 3 13 2 17 12 39 3 1 1 1 11 35 30 21 26 29 7 17 28 17 37 27 4 37 26 16 21	862. B. 30 8 0	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . NOV. . DEC. .	4 4 28 2 17 12 4 5 56 { 2 18 40 17 13 2 2 7 24 31 20 8 30 8 52 29 21 36 28 10 20 26 23 4 11 17 26 26 11 48 25 0 32 24 13 16	4 9 40 2 19 33 4 4 39 2 13 37 18 1 14 1 23 14 31 10 26 29 23 44 29 15 10 28 8 9 27 1 43 11 7 24 26 13 46 25 10 24 25 0 3
864. D. 29 20 23	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	23 10 50 23 23 34 23 12 19 24 1 3 23 13 47 22 2 31 21 15 15 20 3 59 18 16 43 18 5 27 16 18 11 16 6 55	23 4 53 23 18 20 25 8 47 23 23 58 23 15 24 22 6 23 21 20 37 20 9 39 18 21 45 18 9 12 16 20 18 16 7 8	861. A.G. 29 13 49	JAN. . FEB. . MAR. . ○ APRIL MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . NOV. . DEC. .	23 2 0 21 14 44 22 3 29 { 5 21 51 20 16 13 20 4 57 18 17 41 18 6 25 16 19 9 15 7 53 30 2 15 14 20 37 13 9 21 12 22 5	23 11 33 21 21 9 22 5 21 6 5 20 20 12 55 19 20 50 18 6 12 17 17 55 16 8 25 15 1 30 29 22 54 14 20 10 13 15 2 13 8 36

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 860. F. March. <i>d. h. m.</i> 29 19 38		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 857. C.B. March. <i>d. h. m.</i> 29 13 4		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	11 10 49	11 23 48		JAN. .	{ 9 1 59	8 23 1
	FEB. .	9 23 33	10 12 13		○	{ 23 20 21	24 3 26
	MAR..	11 12 17	11 22 1		FEB. .	7 14 43	7 17 7
	APRIL	10 1 1	10 5 55		MAR..	8 3 27	8 10 33
	MAY .	9 13 45	9 12 49		APRIL	6 16 11	7 2 16
	JUNE .	8 2 29	7 19 45		MAY .	6 4 55	6 15 37
	JULY .	7 15 13	7 3 51		JUNE .	4 17 39	5 2 39
	AUG..	6 3 57	5 14 10		JULY .	4 6 23	4 11 57
	SEPT..	4 16 41	4 3 26		AUG..	2 19 7	2 20 23
	OCT. .	4 5 25	3 19 46		SEPT..	{ 1 7 51	1 5 0
	NOV. .	2 18 9	2 14 25			{ 30 20 35	30 14 27
	DEC. .	{ 2 6 53	2 10 0		OCT. .	30 9 19	30 1 14
		{ 31 19 37	...		NOV. .	28 22 3	28 13 32
					DEC. .	28 10 47	28 3 20
859. E. 30 1 27	JAN. .	{ ...	1 4 50	856. A. 29 18 53	JAN. .	26 23 31	26 18 31
	○	{ 14 2 43	13 21 25		FEB. .	25 12 15	25 10 40
	FEB. .	{ 23 21 6	{ 1 11 4		MAR..	27 1 0	27 3 7
	MAR..	30 9 50	{ 30 21 41		APRIL	25 13 44	25 19 3
	APRIL	23 22 34	29 5 57		MAY .	25 2 23	25 9 41
	MAY .	23 11 18	23 12 53		○	{ 8 20 50	8 11 58
	JUNE .	27 0 2	26 19 36		JUNE .	{ 23 15 12	23 22 41
	JULY .	26 12 46	26 3 10		JULY .	23 3 56	23 10 8
	○	{ 10 7 8	10 11 20		AUG..	21 16 40	21 20 31
	AUG..	{ 25 1 30	24 12 36		SEPT..	20 5 24	20 6 33
	SEPT..	23 14 14	23 0 41		OCT. .	19 18 8	19 16 47
	OCT. .	23 2 58	22 15 42		NOV. .	18 6 52	18 3 30
	NOV. .	21 15 42	21 9 18		○	{ 3 1 14	3 7 24
	DEC. .	21 4 26	21 4 24		DEC. .	{ 17 19 36	17 14 48
858. D. 30 7 16	JAN. .	19 17 10	19 23 23	855. G. 30 0 42	JAN. .	16 8 20	16 2 42
	○	{ 3 11 32	3 11 12		FEB. .	14 21 4	14 15 24
	FEB. .	{ 18 5 54	18 16 55		MAR..	16 9 49	16 5 3
	MAR..	19 18 39	20 7 45		APRIL	14 22 33	14 19 39
	APRIL	13 7 23	13 19 33		MAY .	{ 14 11 17	14 10 54
	MAY .	17 20 7	18 4 59		○	{ 29 5 39	29 4 22
	JUNE .	16 8 51	16 12 44		JUNE .	13 0 1	13 2 16
	JULY .	{ 15 21 35	15 19 56		JULY .	12 12 45	12 17 5
	○	{ 30 15 57	30 12 45		AUG..	11 1 29	11 6 58
	AUG..	14 10 19	14 3 43		SEPT..	9 14 13	9 19 48
	SEPT..	12 23 3	12 12 52		OCT. .	9 2 57	9 7 48
	OCT. .	12 11 47	12 0 6		NOV. .	{ 7 15 41	7 19 14
	NOV. .	11 0 31	10 13 40		○	{ 22 10 3	22 6 33
	DEC. .	10 13 15	10 5 31		DEC. .	7 4 25	7 6 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 854. P. March. <i>d. h. m.</i> 30 6 31		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 851. B. March. <i>d. h. m.</i> 29 23 57		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	5 17 9	5 16 51		JAN. .	{ 2 8 19	2 20 40
	FEB. .	4 5 53	4 3 12		FEB. .	{ 31 21 3	...
	MAR. .	5 18 37	5 13 33		FEB. .	...	1 10 27
	APRIL	4 7 21	4 0 44		MAR. O	{ 2 9 47	2 21 24
	MAY .	{ 3 20 5	3 13 5		MAR. O	{ 17 4 9	17 1 20
	○	{ 18 14 27	18 21 21			{ 31 22 31	
	JUNE .	2 8 49	2 2 57		APRIL	30 11 15	{ 1 6 2
	JULY .	{ 1 21 33	1 18 14		MAY .	29 23 59	{ 30 13 11
	AUG. .	{ 31 10 17	31 10 17		JUNE .	28 12 43	29 19 54
	SEPT. .	29 23 1	30 2 21		JULY .	28 1 27	28 3 17
	OCT. .	28 11 45	28 17 48		AUG. .	26 14 11	27 12 25
	○	{ 11 18 51	11 8 30		○	{ 10 8 33	26 0 13
	NOV. .	{ 26 13 13	26 21 8		SEPT. .	{ 25 2 55	10 13 6
	DEC. .	26 1 57	26 8 44		OCT. .	24 15 39	24 15 7
					NOV. .	23 4 23	24 8 49
					DEC. .	23 4 23	23 4 12
					DEC. .	22 17 7	22 23 37
853. E.D. 29 12 20	JAN. .	24 14 41	24 19 1	850. A. 30 5 46	JAN. .	21 5 51	21 17 26
	FEB. .	23 3 25	23 4 15		FEB. .	19 18 35	20 8 31
	MAR. .	23 16 10	23 12 58		○	{ 6 12 57	6 7 14
	APRIL	22 4 54	21 21 56		MAR. .	{ 21 7 20	21 20 31
	MAY .	21 17 33	21 8 4		APRIL	19 20 4	20 5 46
	JUNE .	20 6 22	19 20 10		MAY .	19 8 48	19 13 13
	JULY .	19 19 6	19 10 36		JUNE .	17 21 32	17 19 56
	AUG. .	18 7 50	18 3 2		JULY .	17 10 16	17 3 2
	SEPT. .	16 20 34	16 20 40		AUG. .	15 23 0	15 11 32
	OCT. .	16 9 18	16 14 22		SEPT. .	14 11 44	13 22 19
	NOV. .	14 22 2	15 7 0		OCT. .	14 0 28	13 11 56
	DEC. .	14 10 46	14 21 46		NOV. .	12 13 12	12 4 19
					DEC. .	12 1 56	11 22 46
852. C. 29 18 9	JAN. .	12 23 30	13 10 20	849. G.F. 29 11 35	JAN. .	{ 10 14 40	10 17 55
	FEB. .	11 12 14	11 20 44		○	{ 25 9 2	25 10 34
	MAR. .	{ 13 0 59	13 5 23		FEB. .	9 3 24	9 12 12
	○	{ 27 19 21	28 0 44		MAR. .	9 16 9	10 4 21
	APRIL	11 13 43	11 12 59		APRIL	8 4 53	8 17 39
	MAY .	11 2 27	10 20 26		MAY .	7 17 37	8 4 10
	JUNE .	9 15 11	9 4 52		JUNE .	6 6 21	6 12 40
	JULY .	9 3 55	8 15 16		JULY .	5 19 5	5 20 7
	AUG. .	7 16 39	7 4 24		AUG. .	4 7 49	4 3 39
	SEPT. .	{ 6 5 23	5 20 21		SEPT. .	2 20 33	2 12 11
	○	{ 20 23 45	20 22 18			{ 2 9 17	1 22 26
	OCT. .	5 18 7	5 14 33		OCT. .	{ 31 22 1	31 10 52
	NOV. .	4 6 51	4 9 40		NOV. .	30 10 45	30 1 33
	DEC. .	3 19 35	4 4 9		DEC. .	29 23 29	29 18 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 848. E. March. d. h. m. 29 17 24	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. { 13 17 51 { 23 12 13 27 0 57 28 13 41 27 2 25 26 15 9 25 3 53 { 9 22 15 { 24 16 37 23 5 21 21 18 5 21 6 49 19 19 33 19 8 17	d. h. m. 14 2 34 28 11 51 27 5 34 28 22 7 27 12 40 27 0 53 25 11 4 9 10 24 24 20 2 23 4 41 21 13 51 21 0 3 19 11 36 19 0 32	B.C. 845. B.A. March. d. h. m. 29 10 50	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	d. h. m. 26 3 22 24 16 6 25 4 51 23 17 35 { 8 11 57 { 23 6 19 21 19 3 21 7 47 19 20 31 18 9 15 17 21 59 { 1 16 21 { 16 10 43 15 23 27	d. h. m. 26 2 17 24 12 22 24 22 47 28 10 12 8 21 6 22 23 8 21 13 43 21 5 34 19 21 57 18 14 4 18 5 17 1 4 54 16 19 9 16 7 30
847. D. 29 23 13	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	{ 3 2 39 { 17 21 1 16 9 45 17 22 30 16 11 14 15 23 58 { 14 12 42 { 29 7 4 14 1 26 12 14 10 11 2 54 10 15 38 9 4 22 8 17 6	3 13 33 17 14 49 16 6 16 17 22 24 16 14 30 16 5 50 14 19 46 28 19 55 14 8 9 12 19 15 11 5 40 10 15 58 9 2 33 8 13 31	844. G. 29 16 39	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	14 12 11 13 0 55 14 13 40 { 13 2 24 { 27 20 46 12 15 8 11 3 52 10 16 36 9 5 20 7 18 4 { 7 6 48 { 22 1 10 5 19 32 5 8 16	14 18 22 13 3 55 14 12 36 12 21 5 28 8 12 12 6 21 10 17 16 10 6 31 8 22 6 7 15 26 7 9 9 21 16 5 6 2 59 5 18 56
846. C. 30 5 2	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	7 5 50 5 18 34 7 7 18 5 20 2 5 8 46 3 21 30 3 10 14 { 1 22 58 { 31 11 42 30 0 26 29 13 10 28 1 54 27 14 38	7 0 58 5 12 59 7 1 49 5 15 41 5 6 29 3 21 51 3 13 6 2 3 43 31 17 21 30 6 2 29 17 57 28 5 14 27 16 0	843. F. 29 22 23	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . NOV. . DEC. .	3 21 0 2 9 44 3 22 28 { 2 11 12 { 17 5 34 { 1 23 56 { 31 12 40 30 1 24 29 14 8 28 2 52 26 15 36 { 11 9 58 { 26 4 20 24 17 4 24 5 48	4 8 38 2 19 59 4 5 16 2 13 7 17 11 59 1 20 22 31 4 4 29 13 18 29 1 2 27 15 41 26 9 1 11 7 35 26 4 0 24 23 7 24 16 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 842. E. March. d. h. m. 30 4 17		d. h. m.	d. h. m.	B.C. 839. A. March. d. h. m. 29 21 43		d. h. m.	d. h. m.
	JAN. .	22 18 32	23 8 0		JAN. .	19 9 42	19 6 48
	FEB. .	21 7 16	21 20 15		○	{ 3 4 4	3 11 58
	MAR. .	22 20 1	23 5 51		FEB. .	{ 17 22 26	18 0 24
	APRIL	21 8 45	21 13 31		MAR. .	19 11 11	19 17 30
	MAY .	20 21 29	20 20 15		APRIL	17 23 55	18 9 2
	JUNE .	19 10 13	19 3 9		MAY .	17 12 39	17 22 27
	JULY .	18 22 57	18 11 19		JUNE .	16 1 23	16 9 44
	AUG. .	17 11 41	16 21 45		JULY .	{ 15 14 7	15 19 23
	SEPT. .	16 0 25	15 11 11		○	{ 30 8 29	29 20 49
	OCT. .	15 13 9	15 3 37		AUG. .	14 2 51	14 4 19
	NOV. .	14 1 53	13 22 23		SEPT. .	12 15 35	12 13 21
	DEC. .	13 14 37	13 17 59		OCT. .	12 4 19	11 23 10
					NOV. .	10 17 3	10 10 4
					DEC. .	10 5 47	9 22 15
841. D.C.	JAN. .	12 3 21	12 12 44	838. G.	JAN. .	8 18 31	8 11 41
29 10 6	FEB. .	{ 10 16 5	11 5 13	30 3 32	FEB. .	7 7 15	7 2 18
	○	{ 25 10 27	25 5 20		MAR. .	8 20 0	8 17 52
	MAR. .	11 4 50	11 13 41		APRIL	7 8 44	7 9 50
	APRIL	9 17 34	10 7 9		MAY .	6 21 28	7 1 33
	MAY .	9 6 18	9 13 22		JUNE .	{ 5 10 12	5 16 18
	JUNE .	7 19 2	7 20 19		○	{ 20 4 34	19 19 18
	JULY .	7 7 46	7 3 10		JULY .	4 22 56	5 5 38
	AUG. .	{ 5 20 30	5 10 58		AUG. .	3 11 40	3 17 34
	○	{ 20 14 52	20 18 37		SEPT. .	2 0 24	2 4 32
	SEPT. .	4 9 14	3 20 38		OCT. .	{ 1 13 8	1 15 6
	OCT. .	3 21 58	3 8 53		○	{ 31 1 52	31 1 40
	NOV. .	2 10 42	1 23 56		NOV. .	29 14 36	29 12 28
	DEC. .	{ 1 23 26	1 17 25		○	{ 14 8 53	14 15 26
		{ 31 12 10	31 12 16		DEC. .	{ 29 3 20	28 23 34
840. B.	JAN. .	30 0 54	30 7 1	837. F.E.	JAN. .	27 16 4	27 11 3
29 15 54	○	{ 13 19 16	13 19 32	29 9 21	FEB. .	26 4 43	25 23 8
	FEB. .	{ 28 13 38	{ 1 0 14		MAR. .	26 17 32	26 12 11
	MAR. .	30 2 22	{ 30 14 54		APRIL	25 6 16	25 2 18
	APRIL	28 15 6	29 2 45		MAY .	24 19 0	24 17 22
	MAY .	28 3 50	28 12 12		○	{ 8 13 22	8 11 48
	JUNE .	26 16 34	26 20 10		JUNE .	{ 23 7 44	23 8 47
	JULY .	26 5 18	26 3 41		JULY .	22 20 28	22 23 58
	○	{ 9 23 40	9 19 39		AUG. .	21 9 12	21 14 24
	AUG. .	{ 24 18 2	24 11 48		SEPT. .	19 21 56	20 3 51
	SEPT. .	23 6 46	22 21 17		OCT. .	19 10 40	19 16 23
	OCT. .	22 19 30	22 8 40		NOV. .	17 23 24	18 4 7
	NOV. .	21 8 14	20 22 12		○	{ 2 17 46	2 14 35
	DEC. .	20 20 58	20 13 46		DEC. .	{ 17 12 8	17 15 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 836.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 833.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	16 0 52	16 1 32	A.G.	JAN. .	13 16 2	14 4 51
March.	FEB. .	14 13 36	14 11 27	March.	FEB. .	12 4 46	12 18 30
<i>d. h. m.</i>	MAR. .	16 2 21	15 21 21	<i>d. h. m.</i>	MAR. .	12 17 31	13 5 16
29 15 10	APRIL	14 15 5	14 7 55	29 8 36	O	27 11 53	27 8 19
	MAY .	14 3 49	13 19 51		APRIL	11 6 15	11 18 41
	O	28 22 11	29 4 41		MAY .	10 18 59	10 20 41
	JUNE .	12 16 33	12 9 31		JUNE .	9 7 43	9 3 20
	JULY .	12 5 17	12 0 50		JULY .	8 20 27	8 10 45
	AUG. .	10 18 1	10 17 14		AUG. .	7 9 11	6 20 1
	SEPT. .	9 6 45	9 9 51		SEPT. .	5 21 55	5 7 53
	OCT. .	8 19 29	9 1 52		O	20 16 17	20 21 19
	NOV. .	7 8 13	7 16 41		OCT. .	5 10 39	4 23 1
	O	22 2 35	21 16 52		NOV. .	3 23 23	3 16 43
	DEC. .	6 20 57	7 5 56		DEC. .	3 12 7	3 12 10
835.	JAN. .	5 9 41	5 17 30	832.	JAN. .	2 0 51	2 7 30
C.	FEB. .	3 22 25	4 3 31	F.	FEB. .	31 13 35	...
29 20 59	MAR. .	5 11 10	5 12 22	29 14 25	O	2 2 19	2 16 6
	APRIL	3 23 54	3 20 37		MAR. .	16 20 41	16 14 43
	MAY .	3 12 33	3 5 11		O	31 15 3	1 3 53
	JUNE .	2 1 22	1 15 1		APRIL	30 3 47	30 13 9
	JULY .	1 14 6	1 3 0		MAY .	29 13 31	29 20 33
	O	31 2 50	30 17 29		JUNE .	28 5 15	28 3 27
	AUG. .	29 15 34	29 10 11		JULY .	27 17 59	27 10 45
	SEPT. .	28 4 13	28 4 15		AUG. .	26 6 43	25 19 31
	OCT. .	27 17 2	27 22 25		O	10 1 5	10 5 50
	NOV. .	26 5 46	26 15 24		SEPT. .	24 19 27	24 6 31
	DEC. .	25 13 30	26 6 20		OCT. .	24 8 11	23 20 13
834.	JAN. .	24 7 14	24 13 49	831.	JAN. .	20 22 23	21 1 34
B.	FEB. .	22 19 53	23 4 57	E.	O	4 16 45	4 19 3
30 2 47	MAR. .	24 3 42	24 13 16	29 20 14	FEB. .	19 11 7	19 19 33
	O	8 3 4	8 7 25		MAR. .	20 23 52	21 11 29
	APRIL	22 21 26	22 20 32		APRIL	19 12 36	20 0 42
	MAY .	22 10 10	22 3 45		MAY .	19 1 20	19 11 13
	JUNE .	20 22 54	20 12 2		JUNE .	17 14 4	17 19 53
	JULY .	20 11 33	19 22 26		JULY .	17 2 43	17 3 44
	AUG. .	19 0 22	18 11 39		AUG. .	15 15 32	15 11 33
	SEPT. .	17 13 6	17 3 49		SEPT. .	14 4 16	13 20 31
	O	2 7 28	2 6 52		OCT. .	13 17 0	13 7 1
	OCT. .	17 1 50	16 22 16		NOV. .	12 5 44	11 19 23
	NOV. .	15 14 34	15 17 33		DEC. .	11 13 23	11 9 57
	DEC. .	15 3 13	15 12 13				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 830. D. March. d. h. m. 80 2 3		d. h. m.	d. h. m.	B.C. 827. G. March. d. h. m. 29 19 29		d. h. m.	d. h. m.
	JAN. .	{ 10 7 12	10 2 7		JAN. .	6 22 22	7 0 50
	○	{ 25 1 34	25 11 7		FEB. .	5 11 6	5 10 44
	FEB. .	8 19 56	8 19 20		MAR. .	6 23 51	6 20 19
	MAR. .	10 8 41	10 12 36		APRIL	5 12 35	5 6 11
	APRIL	8 21 25	9 4 53		MAY .	{ 5 1 19	4 17 8
	MAY .	8 10 9	8 19 23		○	{ 19 19 41	20 4 22
	JUNE .	6 22 53	7 7 48		JUNE .	3 14 3	3 5 46
	JULY .	{ 6 11 37	6 18 21		JULY .	3 2 47	2 20 19
	○	{ 21 5 59	20 17 26		AUG. .	{ 1 15 31	1 12 22
	AUG. .	5 0 21	5 3 46			{ 31 4 15	31 5 13
	SEPT. .	3 13 5	3 12 53		SEPT. .	29 16 59	29 21 55
	OCT. .	3 1 49	2 22 27		OCT. .	29 5 43	29 13 39
	NOV. .	1 14 33	{ 1 8 54		○	{ 13 0 5	12 13 22
			{ 30 20 25		NOV. .	{ 27 18 27	28 3 52
	DEC. .	{ 1 3 17	30 9 4		DEC. .	27 7 11	27 16 18
		{ 30 16 1					
	○	{ 14 10 23	14 23 28	826. F. 80 1 18	JAN. .	25 19 55	26 2 59
829. C.H. 29 7 52	JAN. .	{ 29 4 45	28 22 51		FEB. .	24 8 39	24 12 10
	FEB. .	27 17 29	27 13 40		MAR. .	25 21 23	25 20 25
	MAR. .	28 6 13	23 5 15		APRIL	24 10 7	24 4 29
	APRIL	26 18 57	26 21 3		○	{ 9 4 29	9 15 5
	MAY .	26 7 41	26 12 20		MAY .	{ 23 22 51	23 13 25
	JUNE .	24 20 25	25 2 31		JUNE .	22 11 35	22 0 9
	○	{ 9 14 47	9 3 15		JULY .	22 0 19	21 13 22
	JULY .	{ 24 9 9	24 15 22		AUG. .	20 13 3	20 5 9
	AUG. .	22 21 53	23 3 2		SEPT. .	19 1 47	18 22 50
	SEPT. .	21 10 37	21 14 0		OCT. .	18 14 31	18 17 20
	OCT. .	20 23 21	21 0 43		○	{ 2 8 53	2 0 51
	NOV. .	19 12 5	19 11 30		NOV. .	{ 17 3 15	17 11 13
	DEC. .	19 0 49	18 22 25		DEC. .	16 15 59	17 3 23
				825. E.D. 29 7 7	JAN. .	15 4 43	15 17 5
828. A. 29 13 40	JAN. .	17 13 33	17 9 30		FEB. .	13 17 27	14 4 16
	FEB. .	16 2 17	15 20 59		MAR. .	14 6 12	14 13 17
	MAR. .	17 15 2	17 9 13		APRIL	{ 12 18 56	12 20 47
	APRIL	16 3 46	15 22 32		○	{ 27 13 18	27 13 35
	MAY .	15 16 30	15 12 59		MAY .	12 7 40	12 3 47
	JUNE .	14 5 14	14 4 27		JUNE .	10 20 21	10 11 21
	JULY .	13 17 58	13 19 49		JULY .	10 9 8	9 20 33
	AUG. .	12 6 42	12 10 54		AUG. .	8 21 52	8 8 20
	SEPT. .	10 19 26	11 1 11		SEPT. .	7 10 36	6 23 9
	OCT. .	10 8 10	10 14 27		OCT. .	{ 6 23 20	6 16 42
	NOV. .	8 20 54	9 2 46		○	{ 21 17 42	21 16 23
	DEC. .	8 9 38	8 14 13		NOV. .	5 12 4	5 11 55
					DEC. .	5 0 48	5 7 12

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 824. c. March. d. h. m. 29 12 56		d. h. m.	d. h. m.			d. h. m.	d. h. m.
	JAN. .	3 13 32	4 0 57	B.C. 821. G.F. March. d. h. m. 29 6 22	JAN. .	{ 1 4 42 30 17 26	... 30 14 30
	FEB. .	2 2 16	2 16 4		○	{ 14 11 48	14 20 14
	MAR. .	3 15 1	4 4 10		FEB. .	{ 29 6 10	29 7 35
	APRIL .	2 3 45	2 18 32		MAR. .	{ 29 18 54	30 0 19
	MAY .	{ 1 16 20 31 5 13	1 21 2 31 3 42		APRIL .	{ 28 7 38	28 15 48
	JUNE .	29 17 57	29 10 37		MAY .	{ 27 20 22	28 5 18
	JULY .	29 6 41	28 18 55		JUNE .	{ 26 9 6	26 16 48
	AUG. .	27 19 25	27 5 31		JULY .	{ 25 21 50	26 2 54
	SEPT. .	26 8 9	25 19 5		○	{ 9 16 12	9 3 57
	OCT. .	25 20 53	25 11 38		AUG. .	{ 24 10 34	24 12 19
	NOV. .	24 9 37	24 6 22		SEPT. .	{ 22 23 18	22 21 48
	DEC. .	23 22 21	24 2 3		OCT. .	{ 22 12 2	22 7 57
					NOV. .	{ 21 0 46	21 18 57
823. B. 29 18 45	JAN. .	22 11 5	22 20 30	820. E. 29 12 11	DEC. .	{ 20 18 30	20 6 56
	FEB. .	20 23 49	21 12 49		JAN. .	{ 19 2 14	18 19 55
	○	{ 7 18 11	7 18 8		FEB. .	{ 17 14 58	17 9 56
	MAR. .	{ 22 12 33	23 2 7		MAR. .	{ 19 3 43	19 0 56
	APRIL .	21 1 17	21 12 31		APRIL .	{ 17 16 27	17 16 29
	MAY .	20 14 1	20 20 43		MAY .	{ 17 5 11	17 8 1
	JUNE .	19 2 45	19 3 47		JUNE .	{ 15 17 55	15 22 53
	JULY .	18 15 29	18 10 50		○	{ 30 12 17	30 2 40
	AUG. .	{ 17 4 13	16 18 54		JULY .	{ 15 6 39	15 12 37
	○	{ 31 22 35	{ 1 2 0 15 4 49		AUG. .	{ 13 19 23	14 1 6
	SEPT. .	15 16 57	14 17 12		SEPT. .	{ 12 8 7	12 12 40
	OCT. .	15 5 41	13 8 15		OCT. .	{ 11 20 51	11 23 42
	NOV. .	13 18 25	13 1 31		NOV. .	{ 10 9 35	10 10 34
	DEC. .	13 7 9			DEC. .	{ 9 22 19	9 21 26
822. A. 30 0 33	JAN. .	11 19 53	11 20 2	819. D. 29 18 0	○	{ 24 16 41	21 23 23
	FEB. .	{ 10 8 37	10 14 26		JAN. .	{ 8 11 3	8 3 16
	○	{ 25 2 59	25 3 45		FEB. .	{ 6 23 47	6 19 16
	MAR. .	11 21 22	12 7 23		MAR. .	{ 8 12 32	8 6 48
	APRIL .	10 10 6	10 21 57		APRIL .	{ 7 1 16	6 19 14
	MAY .	9 22 50	10 9 49		MAY .	{ 6 14 0	6 8 56
	JUNE .	8 11 34	8 19 26		JUNE .	{ 5 2 44	4 23 48
	JULY .	8 0 18	8 3 40		○	{ 19 21 6	19 19 17
	AUG. .	{ 6 13 2	6 11 33		JULY .	{ 4 15 23	4 15 21
	○	{ 21 7 24	21 2 41		AUG. .	{ 3 4 12	3 0 56
	SEPT. .	5 1 46	4 20 3		SEPT. .	{ 1 16 56	1 21 57
	OCT. .	4 14 30	4 5 49		OCT. .	{ 1 5 40	1 12 2
	NOV. .	3 3 14	2 17 21		NOV. .	{ 30 18 24	31 1 4
	DEC. .	{ 2 15 53	2 6 46		○	{ 14 1 30	13 22 33
		...	31 21 58		DEC. .	{ 23 19 52	23 0 2

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 818. C. March. d. h. m. 29 23 49	JAN. .	27 8 36	27 10 8	B.C. 815. F. March. d. h. m. 29 17 15	JAN. .	23 23 46	24 12 53
	FEB. .	25 21 20	25 19 35		FEB. .	22 12 30	23 2 24
	MAR. .	27 10 4	27 4 56		MAR. .	24 1 14	24 12 57
	APRIL	25 22 43	25 15 1		○	7 19 36	7 15 13
	MAY .	25 11 32	25 2 35		APRIL	22 13 53	22 21 13
	○	9 5 54	9 12 1		MAY .	22 2 42	22 4 7
	JUNE .	24 0 16	23 16 6		JUNE .	20 15 26	20 10 47
	JULY .	23 13 0	23 7 32		JULY .	20 4 10	19 18 20
	AUG. .	22 1 44	22 0 17		AUG. .	18 16 54	18 3 46
	SEPT. .	20 14 23	20 17 26		SEPT. .	17 5 38	16 15 52
	OCT. .	20 3 12	20 10 2		○	2 0 0	2 5 39
	NOV. .	18 15 56	19 1 14		OCT. .	16 18 22	16 7 1
	○	3 10 18	3 1 15		NOV. .	15 7 6	15 0 48
	DEC. .	18 4 40	18 14 39		DEC. .	14 19 50	14 20 5
817. B.A. 29 5 38	JAN. .	16 17 24	17 2 9	814. E. 29 23 4	JAN. .	13 8 34	13 15 16
	FEB. .	15 6 8	15 11 53		FEB. .	11 21 18	12 8 46
	MAR. .	15 18 53	15 20 19		MAR. .	13 10 3	13 23 33
	APRIL	14 7 37	14 4 10		○	28 4 25	27 22 16
	MAY .	13 20 21	13 12 24		APRIL	11 22 47	12 11 17
	JUNE .	12 9 5	11 22 0		MAY .	11 11 31	11 20 28
	JULY .	11 21 49	11 9 54		JUNE .	10 0 15	10 4 2
	AUG. .	10 10 33	10 0 29		JULY .	9 12 59	9 11 4
	SEPT. .	8 23 17	8 17 29		AUG. .	8 1 43	7 18 37
	OCT. .	8 12 1	8 11 56		SEPT. .	6 14 27	6 3 39
	NOV. .	7 0 45	7 6 29		○	21 8 49	21 13 45
	DEC. .	6 13 29	6 23 45		OCT. .	6 3 11	5 14 52
816. G. 29 11 26	JAN. .	5 2 13	5 14 46	813. D.C. 29 4 53	JAN. .	2 17 23	2 14 38
	FEB. .	3 14 57	4 3 8		FEB. .	1 6 7	1 9 5
	MAR. .	5 3 42	5 13 0		○	1 18 52	2 2 46
	APRIL	3 16 26	3 21 1		MAR. .	31 7 36	31 18 29
	○	18 10 48	18 14 4		APRIL	29 20 20	30 7 41
	MAY .	3 5 10	3 4 3		MAY .	29 9 4	29 18 24
	JUNE .	1 17 54	1 11 6		JUNE .	27 21 43	28 3 21
	○	1 6 38	30 19 19		JULY .	27 10 32	27 11 28
	JULY .	30 19 22	30 5 45		AUG. .	25 23 16	25 19 45
	AUG. .	29 8 6	28 19 6		SEPT. .	24 12 0	24 4 59
	SEPT. .	27 20 50	27 11 23		OCT. .	24 0 44	23 15 42
	○	12 15 12	12 15 34		NOV. .	22 13 28	22 4 9
	OCT. .	27 9 34	27 6 7		DEC. .	22 2 12	21 18 22
	NOV. .	25 22 18	26 1 39				
	DEC. .	25 11 2	25 20 23				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 812. B. March. d. h. m. 29 10 42		d. h. m.	d. h. m.	B.C. 809. F.E. March. d. h. m. 29 4 8		d. h. m.	d. h. m.
	JAN. .	20 14 56	20 10 3		JAN. .	18 6 6	18 9 32
	○	{ 4 9 18	4 19 32		FEB. .	16 18 50	16 19 2
	FEB. .	{ 19 3 40	19 2 43		MAR. .	17 7 31	17 4 7
	MAR. .	20 16 24	20 19 31		APRIL	15 20 18	15 13 30
	APRIL	19 5 8	19 11 32		MAY .	{ 15 9 2	15 0 2
	MAY .	18 17 52	19 2 3		○	{ 30 3 24	30 11 36
	JUNE .	17 6 36	17 14 42		JUNE .	13 21 46	13 12 26
	JULY .	{ 16 19 20	17 1 40		JULY .	13 10 30	13 2 58
	○	{ 31 13 42	31 0 35		AUG. .	11 23 14	11 19 18
	AUG. .	15 8 4	15 11 35		SEPT. .	10 11 58	10 12 36
	SEPT. .	13 20 48	13 21 11		OCT. .	10 0 42	10 5 51
	OCT. .	13 9 32	13 7 9		NOV. .	{ 8 13 26	8 22 3
	NOV. .	11 22 16	11 17 47		○	{ 23 7 48	22 21 53
	DEC. .	11 11 0	11 5 14		DEC. .	8 2 10	8 12 32
811. A. 29 16 30	JAN. .	{ 9 23 44	9 17 32	808. D. 29 9 57	JAN. .	6 14 54	7 0 58
	○	{ 24 18 6	25 7 37		FEB. .	5 3 38	5 11 25
	FEB. .	8 12 28	8 6 45		MAR. .	6 16 23	6 20 16
	MAR. .	10 1 13	9 20 59		APRIL	5 5 7	5 4 7
	APRIL	8 13 57	8 12 2		MAY .	{ 4 17 51	4 11 51
	MAY .	8 2 41	8 3 32		○	{ 19 12 13	19 21 55
	JUNE .	6 15 25	6 18 50		JUNE .	8 6 35	2 20 31
	JULY .	{ 6 4 9	6 9 19		JULY .	2 19 19	{ 2 7 8
	○	{ 20 22 31	20 10 45				{ 31 20 23
	AUG. .	4 16 53	4 22 40		AUG. .	{ 1 8 3	30 12 22
	SEPT. .	3 5 37	3 10 56		SEPT. .	29 9 31	29 6 24
	OCT. .	2 18 21	2 22 28		OCT. .	23 22 15	29 1 16
	NOV. .	{ 1 7 5	1 9 34		○	{ 12 16 37	12 9 43
	DEC. .	{ 30 19 49	30 20 30		NOV. .	{ 27 10 59	27 19 23
		30 8 33	30 7 15		DEC. .	26 23 43	27 11 46
810. G. 29 22 19	JAN. .	28 21 17	28 17 57	807. C. 29 15 46	JAN. .	25 12 27	26 1 26
	FEB. .	27 10 1	27 4 51		FEB. .	24 1 11	24 12 23
	MAR. .	28 22 46	28 16 30		MAR. .	25 13 56	25 21 7
	APRIL	27 11 30	27 5 19		APRIL	24 2 40	24 4 23
	MAY .	27 0 14	26 19 29		○	{ 8 21 2	9 1 5
	JUNE .	25 12 58	25 10 47		MAY .	{ 23 15 24	23 11 13
	○	{ 10 7 20	10 2 33		JUNE .	22 4 8	21 18 41
	JULY .	{ 25 1 42	25 2 36		JULY .	21 16 52	21 3 54
	AUG. .	23 14 26	23 18 15		AUG. .	20 5 36	19 15 48
	SEPT. .	22 3 10	22 9 7		SEPT. .	18 18 20	18 6 47
	OCT. .	21 15 54	21 22 56		OCT. .	18 7 4	18 0 30
	NOV. .	20 4 38	20 11 36		○	{ 2 1 26	2 1 17
	DEC. .	19 17 22	19 23 7		NOV. .	{ 16 19 43	16 19 52
					DEC. .	16 8 32	16 15 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 806. B. March. d. h. m. 29 21 35	JAN. .	d. h. m. 14 21 16	d. h. m. 15 8 58	B.C. 803. E. March. d. h. m. 29 15 1	JAN. .	d. h. m. 11 12 25	d. h. m. 11 6 6
	FEB. .	13 10 0	13 23 58		FEB. .	{ 10 1 9	9 22 4
	MAR. .	14 22 44	15 11 52		○	{ 24 19 31	25 4 15
	APRIL	13 11 28	13 21 6		MAR. .	11 13 54	11 14 39
	MAY .	18 0 12	13 4 30		APRIL	10 2 33	10 7 1
	JUNE .	11 12 56	11 11 9		MAY .	9 15 22	9 22 19
	JULY .	11 1 40	10 18 11		JUNE .	8 4 6	8 11 59
	AUG. .	9 14 24	9 2 37		JULY .	7 16 50	7 23 56
	SEPT. .	8 3 8	7 13 25		AUG. .	{ 6 5 34	6 10 32
	OCT. .	7 15 52	7 3 7		○	{ 20 23 56	20 11 15
	NOV. .	6 4 36	5 19 42		SEPT. .	4 18 18	4 20 28
	DEC. .	5 17 20	5 14 22		OCT. .	4 7 2	4 6 25
					NOV. .	2 19 46	2 16 51
805. A.G. 29 3 23	JAN. .	4 6 4	4 9 42	802. D. 29 20 50	DEC. .	{ 2 8 30	2 3 53
	FEB. .	2 18 48	3 4 7			{ 31 21 14	31 15 36
	MAR. .	{ 3 7 33	3 20 15		JAN. .	30 9 58	30 4 6
	○	{ 18 1 55	17 20 49		FEB. .	28 22 43	28 17 30
	APRIL	1 20 17	2 5 26		MAR. .	30 11 27	30 7 53
	MAY .	{ 1 9 1	1 19 47		APRIL	29 0 11	28 23 2
		{ 30 21 45	31 4 4		MAY .	28 12 55	28 14 27
	JUNE .	29 10 29	29 11 18		JUNE .	27 1 39	27 5 30
	JULY .	28 23 13	28 18 36		JULY .	26 14 23	26 19 41
	AUG. .	27 11 57	27 2 58		AUG. .	25 3 7	25 8 46
	○	{ 11 6 19	11 9 31		SEPT. .	23 15 51	23 20 55
	SEPT. .	{ 26 0 41	25 13 8		OCT. .	23 4 35	23 8 26
	OCT. .	25 13 25	25 1 40		NOV. .	21 17 19	21 19 33
	NOV. .	24 2 9	23 16 37		DEC. .	21 6 3	21 6 22
	DEC. .	23 14 53	23 9 35				
804. F. 29 9 12	JAN. .	22 3 37	22 3 43	801. C.B. 29 2 39	○	{ 5 0 25	5 7 16
	FEB. .	20 16 21	20 21 44		JAN. .	{ 19 18 47	19 16 54
	○	{ 7 10 43	7 11 49		FEB. .	18 7 31	18 3 23
	MAR. .	{ 22 5 5	22 14 24		MAR. .	18 20 15	18 14 19
	APRIL	20 17 49	21 4 50		APRIL	17 8 59	17 2 13
	MAY .	20 6 33	20 16 48		MAY .	16 21 43	16 15 31
	JUNE .	18 19 17	19 2 39		JUNE .	{ 15 10 27	15 6 15
	JULY .	18 8 1	18 11 14		○	{ 30 4 49	30 2 50
	AUG. .	{ 16 20 45	16 19 32		JULY .	14 23 11	14 21 59
	○	{ 31 15 7	31 9 52		AUG. .	13 11 55	13 14 1
	SEPT. .	15 9 29	15 4 25		SEPT. .	12 0 39	12 5 37
	OCT. .	14 22 13	14 14 29		OCT. .	11 13 23	11 20 17
	NOV. .	13 10 57	13 2 5		NOV. .	10 2 7	10 9 45
	DEC. .	12 23 41	12 15 19		DEC. .	{ 9 14 51	9 21 56
					○	{ 24 9 13	24 6 30

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 800. A. March. d. h. m. 29 8 28		d. h. m.	d. h. m.	B.C. 797. E.D. March. d. h. m. 29 1 54		d. h. m.	d. h. m.
	JAN. .	8 8 35	8 8 49		JAN. .	5 18 45	6 4 20
	FEB. .	6 16 19	6 18 35		FEB. .	4 7 29	4 20 45
	MAR. .	8 5 4	8 8 35		MAR. .	4 20 14	5 10 9
	APRIL .	6 17 48	6 12 28		APRIL .	8 8 58	8 20 33
	MAY .	6 6 32	5 22 6		○	18 8 20	17 22 2
	JUNE .	4 19 16	4 9 22		MAY .	2 21 42	8 4 41
	○	19 18 38	19 19 22		JUNE .	1 10 26	1 11 34
	JULY .	4 8 0	3 22 47		○	30 23 10	30 18 20
	AUG. .	2 20 44	2 14 23		JULY .	30 11 54	30 2 2
	SEPT. .	1 9 28	1 7 30		AUG. .	29 0 38	28 11 39
	○	80 22 12	1 1 9		SEPT. .	27 18 22	26 23 57
	OCT. .	80 10 56	80 18 14		○	12 7 44	12 14 5
	NOV. .	23 23 40	29 9 48		OCT. .	27 2 6	26 15 10
	○	13 18 2	13 9 40		NOV. .	25 14 50	25 8 58
	DEC. .	23 12 24	23 23 21		DEC. .	25 8 34	25 3 56
799. G. 29 14 16	JAN. .	27 1 8	27 10 40	798. C. 29 7 48	JAN. .	23 16 18	23 22 57
	FEB. .	25 13 52	25 20 6		FEB. .	22 5 2	22 16 13
	MAR. .	27 2 37	27 4 11		MAR. .	23 17 47	24 6 50
	APRIL .	25 15 21	25 11 40		○	7 12 9	7 5 39
	MAY .	25 4 5	24 19 37		APRIL .	22 6 31	22 18 32
	JUNE .	23 16 49	23 5 4		MAY .	21 19 15	22 3 45
	JULY .	23 5 33	22 16 57		JUNE .	20 7 59	20 11 23
	AUG. .	21 18 17	21 7 40		JULY .	19 30 43	19 18 44
	SEPT. .	20 7 1	20 0 56		AUG. .	18 9 27	18 2 38
	OCT. .	19 19 45	19 19 43		SEPT. .	16 22 11	16 11 58
	NOV. .	18 8 29	18 14 36		○	1 16 33	1 21 37
	DEC. .	17 21 13	18 8 4		OCT. .	16 10 55	15 23 21
798. F. 29 20 5	JAN. .	16 9 57	16 23 6	795. B. 29 13 32	JAN. .	13 1 7	12 22 30
	FEB. .	14 22 41	15 11 18		FEB. .	11 13 51	11 13 30
	MAR. .	16 11 25	16 20 55		MAR. .	13 2 35	13 9 47
	APRIL .	15 0 9	15 4 40		APRIL .	11 15 19	12 1 20
	○	29 18 31	29 20 35		MAY .	11 4 8	11 14 33
	MAY .	14 12 53	14 11 30		JUNE .	9 16 47	10 1 29
	JUNE .	13 1 37	12 18 28		JULY .	9 5 31	9 10 45
	JULY .	12 14 21	12 2 42		AUG. .	7 18 15	7 19 17
	AUG. .	11 3 5	10 13 13		SEPT. .	6 6 59	6 4 0
	SEPT. .	9 15 49	9 2 43		OCT. .	5 19 43	5 13 36
	○	9 4 33	8 19 14		NOV. .	4 8 27	4 0 30
	NOV. .	23 22 55	24 0 20		DEC. .	3 21 11	3 12 52
	DEC. .	7 17 17	7 14 1				
		7 6 1	7 9 37				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 794. A.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 791. D.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 29 19 20	JAN. .	{ 2 9 55 31 22 39	{ 2 2 42 31 17 52	March. <i>d. h. m.</i> 29 12 47	JAN. .	28 13 49	28 18 6
	FEB. .	{ ... 15 17 1	{ ... 16 3 46		FEB. .	27 2 33	27 3 12
	MAR. .	{ 2 11 24 1 0 8	{ 2 9 58 1 2 18		MAR. .	28 15 18	28 11 50
	APRIL	{ 30 12 52 30 1 36	{ 30 18 7 30 8 41		APRIL	27 4 2	26 20 46
	MAY .	28 14 20	28 21 38		MAY .	26 16 46	26 6 57
	JUNE .	23 3 4	23 9 5		○	{ 10 11 8 25 5 30	{ 10 18 50 24 19 11
	○	{ 11 21 26 26 15 48	{ 11 7 54 26 19 32		JUNE .	24 18 14	24 9 45
	AUG. .	25 4 32	25 5 40		JULY .	23 6 58	23 2 21
	SEPT. .	24 17 16	24 15 59		AUG. .	21 19 42	21 20 7
	OCT. .	23 6 0	23 2 45		SEPT. .	21 8 26	21 13 50
	NOV. .	22 18 44	22 14 4		OCT. .	19 21 10	20 6 28
	DEC. .	21 7 23	21 1 55	790. C.	NOV. .	○ { 4 15 32 19 9 54	{ 4 6 28 19 21 9
793. G.F.	JAN. .	{ 5 1 50 19 20 12	{ 5 15 41 19 14 34	29 18 36	JAN. .	17 22 38	18 9 33
29 1 9	○	20 8 57	20 4 10		FEB. .	16 11 22	16 19 44
	MAR. .	18 21 41	18 18 44		MAR. .	18 0 7	18 4 14
	APRIL	18 10 25	18 9 58		APRIL	16 12 51	16 11 41
	MAY .	16 23 9	17 1 19		MAY .	{ 16 1 35 30 19 57	{ 15 19 11 31 4 42
	JUNE .	{ 16 11 53 81 6 15	{ 16 16 10 30 18 21		○	14 14 19	14 3 40
	○	15 0 37	15 6 5		JUNE .	14 3 3	13 14 13
	AUG. .	13 13 21	13 18 58		JULY .	12 15 47	12 3 33
	SEPT. .	13 2 5	13 7 1		AUG. .	11 4 31	10 19 44
	OCT. .	11 14 49	11 18 29		SEPT. .	10 17 15	10 14 4
	NOV. .	11 3 33	11 5 29	789. B.A.	OCT. .	{ 9 5 59 24 0 21	{ 9 9 15 23 18 37
792. E.	JAN. .	9 16 17	9 16 1	29 0 25	NOV. .	8 18 43	9 3 40
29 6 58	FEB. .	8 5 1	8 2 16		DEC. .	7 7 27	7 20 3
	MAR. .	9 17 45	9 12 38		JAN. .	5 20 11	6 9 38
	APRIL	8 6 29	7 23 42		FEB. .	6 8 55	6 20 21
	MAY .	7 19 18	7 12 3		MAR. .	4 21 39	5 4 50
	JUNE .	6 7 57	6 1 59		APRIL	{ 4 10 23 19 4 45	{ 4 11 54 19 7 32
	JULY .	{ 5 20 41 20 15 3	{ 5 17 20 20 10 13		MAY .	2 23 7	2 18 37
	○	4 9 25	4 9 28		○	2 11 51	{ 2 2 4 31 11 22
	AUG. .	2 22 9	3 1 39		JUNE .	1 0 35	29 23 24
	SEPT. .	{ 2 10 53 81 23 37	{ 2 17 8 1 7 28		JULY .	{ 30 13 19 29 12 3	{ 28 14 31 28 8 23
	OCT. .	30 12 21	30 20 26		○	28 14 47	28 8 23
	NOV. .	30 1 5	30 7 56		NOV. .	{ 12 9 9 27 3 31	{ 12 10 12 27 3 49
	DEC. .				DEC. .	26 16 15	26 23 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 788. G. March. d. h. m. 29 6 13	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. 25 4 59 23 17 43 25 6 28 23 19 12 23 7 56 21 20 40 21 9 24 19 22 8 18 10 52 17 23 36 16 12 20 16 1 4	d. h. m. 25 16 49 24 7 41 25 19 27 24 4 33 23 11 56 21 18 39 21 1 49 19 10 30 17 21 30 17 11 19 16 3 52 15 22 21	B.C. 785. D.C. March. d. h. m. 28 23 40	JAN. . FEB. . ○ MAR. . APRIL MAY . JUNE . JULY . AUG. . ○ SEPT. . OCT. . NOV. . DEC. .	d. h. m. 22 20 9 21 8 53 { 7 3 15 21 21 38 20 10 22 19 23 6 18 11 50 18 0 34 { 16 13 18 31 7 40 15 2 2 14 14 46 13 3 30 12 16 14	d. h. m. 22 14 10 21 5 33 7 12 28 21 21 35 20 13 37 20 4 51 18 18 45 18 7 8 16 18 16 30 18 44 15 4 45 14 15 9 13 1 48 12 12 47
787. F. 29 12 2	JAN. . FEB. . MAR. . ○ APRIL MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . NOV. . DEC. .	14 13 48 13 2 32 { 14 15 16 29 9 38 13 4 0 12 16 44 11 5 28 10 18 12 9 6 56 { 7 19 40 22 14 2 7 8 24 5 21 8 5 9 52	14 17 26 13 11 35 15 3 29 29 4 24 13 16 35 13 2 58 11 11 24 10 18 52 9 2 30 7 11 11 22 17 8 6 21 33 5 10 12 5 0 59	784. B. 29 5 29	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	11 4 58 9 17 42 11 6 26 9 19 10 9 7 54 7 20 38 7 9 22 5 22 6 4 10 50 3 23 34 2 12 18 { 2 1 2 31 13 46	11 0 11 9 12 9 11 0 55 9 14 45 9 5 32 7 20 55 7 12 12 6 2 50 4 16 31 4 5 16 2 17 12 2 4 30 31 15 12
786. E. 29 17 51	JAN. . FEB. . MAR. . ○ APRIL MAY . JUNE . JULY . AUG. . ○ SEPT. . OCT. . NOV. . DEC. .	3 22 36 2 11 20 { 4 0 5 18 18 27 2 12 49 2 1 33 31 14 17 30 3 1 29 15 45 23 4 29 { 11 22 51 26 17 13 26 5 57 24 18 41 24 7 25	3 17 37 2 11 16 4 4 52 18 19 45 2 21 15 2 11 38 31 23 45 30 9 54 29 18 54 23 3 39 11 17 11 26 12 56 25 23 16 24 10 54 23 23 52	783. A. 29 11 17	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	{ 15 8 8 30 2 30 28 15 15 30 3 59 28 16 43 28 5 27 26 18 11 { 11 12 33 26 6 55 24 19 39 23 8 28 22 21 7 21 9 51 20 22 35	15 15 1 30 1 23 28 11 24 29 21 44 28 9 8 27 22 7 26 12 47 11 10 26 26 4 44 24 21 13 23 13 25 23 4 39 21 18 30 21 6 46

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 782. g. March. d. h. m. 29 17 6		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 779. c. March. d. h. m. 29 10 33		<i>d. h. m.</i>	<i>d. h. m.</i>
	○	{ 4 16 57	4 14 25		JAN. .	16 2 29	16 12 12
	JAN. .	{ 19 11 19	19 17 30		FEB. .	14 15 13	15 4 28
	FEB. .	18 0 3	18 2 55		MAR. .	16 3 58	16 17 43
	MAR. .	19 12 48	19 11 28		APRIL	{ 14 16 42	15 4 0
	APRIL	18 1 32	17 19 55		○	{ 29 11 4	29 4 25
	MAY .	17 14 16	17 5 11		MAY .	14 5 26	14 12 6
	JUNE .	{ 16 3 0	15 16 12		JUNE .	12 18 10	12 19 1
	○	{ 30 21 22	{ 1 2 44		JULY .	12 6 54	12 1 55
	JULY .	15 15 44	15 5 35		AUG. .	10 19 38	10 9 52
	AUG. .	14 4 28	13 21 21		SEPT. .	9 8 22	8 19 43
	SEPT. .	12 17 12	12 14 50		OCT. .	{ 8 21 6	8 8 11
	OCT. .	12 5 56	12 8 58		○	{ 23 15 28	23 22 36
	NOV. .	10 18 40	11 2 29		NOV. .	7 9 50	6 23 25
	DEC. .	{ 10 7 24	10 18 21		DEC. .	6 22 34	6 16 59
	○	{ 25 1 46	24 18 4				
781. F.E. 28 22 55	JAN. .	8 20 8	9 7 54	778. B. 29 16 22	JAN. .	5 11 18	5 11 50
	FEB. .	7 8 52	7 19 5		FEB. .	4 0 2	4 6 27
	MAR. .	7 21 36	8 4 11		MAR. .	5 12 46	5 23 29
	APRIL	6 10 20	6 11 55		APRIL	{ 4 1 30	4 13 56
	MAY .	5 23 4	5 19 6		○	{ 18 19 52	18 12 56
	JUNE .	4 11 48	4 2 50		MAY .	3 14 14	4 1 38
	JULY .	4 0 32	3 12 12		JUNE .	2 2 58	2 10 59
	AUG. .	2 13 16	{ 2 0 7		JULY .	{ 1 15 42	1 18 55
	SEPT. .	{ 1 2 0	{ 31 14 59		○	{ 31 4 26	31 2 31
	○	{ 30 14 44	30 8 30		AUG. .	29 17 10	29 10 45
	OCT. .	30 3 28	30 3 35		SEPT. .	28 5 54	27 20 24
	NOV. .	28 16 12	28 22 42		○	{ 13 0 16	13 5 33
	DEC. .	28 4 56	28 16 16		OCT. .	{ 27 18 38	27 7 57
					NOV. .	26 7 22	25 21 36
					DEC. .	25 20 6	25 13 13
780. D. 29 4 44	JAN. .	26 17 40	27 7 15	777. A.G. 28 22 10	JAN. .	24 8 50	24 6 14
	FEB. .	25 6 24	25 19 18		FEB. .	22 21 34	22 23 45
	MAR. .	26 19 9	27 4 43		MAR. .	23 10 19	23 16 42
	APRIL	25 7 53	25 12 15		APRIL	21 23 3	22 8 6
	○	{ 10 2 15	10 3 3		MAY .	21 11 47	21 21 23
	MAY .	{ 24 20 37	24 18 56		JUNE .	20 0 31	20 8 35
	JUNE .	23 9 21	23 1 53		JULY .	19 13 15	19 18 16
	JULY .	22 22 5	22 10 11		AUG. .	18 1 59	18 3 15
	AUG. .	21 10 49	20 20 50		SEPT. .	16 14 43	16 12 24
	SEPT. .	19 23 33	19 10 30		OCT. .	16 3 27	15 22 20
	OCT. .	19 12 17	19 3 8		NOV. .	14 16 11	14 9 20
	○	{ 3 6 39	3 9 12		DEC. .	14 4 55	13 21 34
	NOV. .	{ 18 1 1	17 22 0				
	DEC. .	17 13 45	17 17 35				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 776. F. March. <i>d. h. m.</i> 29 3 59	JAN. .	<i>d. h. m.</i> 12 17 39	<i>d. h. m.</i> 12 10 59	B.C. 773. C.B. March. <i>d. h. m.</i> 23 21 26	JAN. .	<i>d. h. m.</i> 10 8 49	<i>d. h. m.</i> 10 16 41
	FEB. .	{ 11 6 23	11 1 34		FEB. .	8 21 33	9 2 34
	○	{ 26 0 45	26 11 53		MAR. .	9 10 17	9 11 16
	MAR. .	12 19 7	12 17 4		APRIL	7 23 1	7 19 25
	APRIL	11 7 51	11 8 58		MAY .	7 11 45	7 3 57
	MAY .	10 20 35	11 0 37		JUNE .	{ 6 0 29	5 13 53
	JUNE .	9 9 19	9 15 18		○	{ 20 18 51	21 2 3
	JULY .	8 22 3	9 4 36		JULY .	5 13 13	5 2 0
	AUG. .	{ 7 10 47	7 16 34		AUG. .	4 1 57	3 16 39
	○	{ 22 5 9	21 15 21		SEPT. .	2 14 41	2 9 32
	SEPT. .	5 23 31	6 3 36		OCT. .	{ 2 3 25	2 3 42
	OCT. .	5 12 15	5 14 14			{ 31 16 9	31 21 54
	NOV. .	4 0 59	4 0 52		NOV. .	30 4 53	30 14 51
	DEC. .	3 13 43	3 11 42		○	{ 14 23 15	14 15 0
					DEC. .	{ 29 17 37	30 5 40
775. E.	JAN. .	{ 2 2 27	1 22 47	772. A.	JAN. .	23 6 21	23 17 57
	FEB. .	{ ...	... 31 10 12		FEB. .	26 19 5	27 3 54
	○	{ 15 9 33	15 23 32	29 3 15	MAR. .	23 7 50	23 12 5
29 9 48	MAR. .	{ 2 3 56	1 22 15		APRIL	26 20 34	26 19 17
		{ 31 16 40	31 11 15		MAY .	26 9 18	26 2 30
	APRIL	30 5 24	30 1 21		○	{ 10 3 40	10 11 28
	MAY .	29 18 8	29 16 25		JUNE .	{ 24 22 2	24 10 52
	JUNE .	28 6 52	28 7 52		JULY .	24 10 46	23 21 25
	JULY .	27 19 36	27 23 5		AUG. .	22 23 30	22 10 52
	○	{ 11 13 58	11 2 6		SEPT. .	21 12 14	21 3 13
	AUG. .	{ 26 8 20	26 13 34		OCT. .	21 0 58	20 21 50
	SEPT. .	24 21 4	25 3 5		NOV. .	19 13 42	19 17 14
	OCT. .	24 9 48	24 15 39		○	{ 4 8 4	4 3 31
	NOV. .	22 22 32	23 3 23		DEC. .	{ 19 2 26	19 11 49
	DEC. .	22 11 16	22 14 23				
774. D.	JAN. .	21 0 0	21 0 40	771. G.	JAN. .	17 15 10	18 4 12
29 15 37	FEB. .	19 12 44	19 10 28	29 9 3	FEB. .	16 3 54	16 17 38
	MAR. .	21 1 29	20 20 17		MAR. .	17 16 39	18 4 11
	APRIL	19 14 13	19 6 50		APRIL	16 5 23	16 12 27
	MAY .	19 2 57	18 18 48		MAY .	{ 15 18 7	15 19 22
	JUNE .	17 15 41	17 8 34		○	{ 30 12 29	30 14 0
	JULY .	{ 17 4 25	16 23 59		JUNE .	14 6 51	14 2 2
	○	{ 31 22 47	31 18 2		JULY .	13 19 35	13 9 31
	AUG. .	15 17 9	15 16 29		AUG. .	12 8 19	11 19 0
	SEPT. .	14 5 53	14 9 12		SEPT. .	10 21 3	10 7 11
	OCT. .	13 18 37	14 1 15		OCT. .	10 9 47	9 22 26
	NOV. .	12 7 21	12 16 3		NOV. .	{ 8 22 31	8 16 22
	DEC. .	11 20 5	12 5 13		○	{ 23 16 53	23 19 10
					DEC. .	8 11 15	8 11 47

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 770. F. March. <i>d. h. m.</i> 29 14 52		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 767. B. March. <i>d. h. m.</i> 29 8 19		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	6 23 59	7 7 2		JAN. .	3 15 9	3 8 23
	FEB. .	5 12 43	6 0 32		FEB. .	2 3 53	1 22 7
	MAR. .	7 1 27	7 15 14		MAR. .	{ 3 16 37	3 12 53
	APRIL	5 14 11	6 2 52		○	{ 18 10 59	18 21 38
	MAY .	5 2 55	5 11 55		APRIL	2 5 21	2 4 24
	JUNE .	3 15 39	3 19 19		MAY .	{ 1 18 5	1 20 8
	JULY .	3 4 23	3 2 11			{ 31 6 49	31 11 22
	AUG. .	{ 1 17 7	1 9 36		JUNE .	29 19 33	30 1 31
		{ 31 5 51	30 18 32		JULY .	29 8 17	29 14 22
	SEPT. .	29 18 35	29 5 44		AUG. .	27 21 1	28 2 6
	OCT. .	29 7 19	28 19 37		○	{ 11 15 23	11 2 21
	NOV. .	27 20 3	27 12 3		SEPT. .	{ 26 9 45	26 13 8
	DEC. .	27 8 47	27 6 17		OCT. .	25 22 29	25 23 56
					NOV. .	24 11 13	24 10 44
					DEC. .	23 23 57	23 21 38
769. E.D. 28 20 41	JAN. .	25 21 31	26 1 2	766. A. 29 14 8	JAN. .	22 12 41	22 8 40
	FEB. .	24 10 15	24 18 52		FEB. .	21 1 25	20 20 5
	MAR. .	24 23 0	25 10 36		MAR. .	22 14 10	22 8 16
	○	{ 8 17 22	8 11 54		APRIL	21 2 54	20 21 33
	APRIL	{ 23 11 44	23 23 38		MAY .	20 15 38	20 12 3
	MAY .	23 0 23	23 10 7		JUNE .	19 4 22	19 3 23
	JUNE .	21 13 12	21 18 45		JULY .	18 17 6	18 18 56
	JULY .	21 1 56	21 2 33		AUG. .	17 5 50	17 10 6
	AUG. .	19 14 40	19 10 33		SEPT. .	15 18 34	16 0 25
	SEPT. .	18 3 24	17 19 35		OCT. .	15 7 18	15 13 43
	○	{ 2 21 46	3 0 52		NOV. .	13 20 2	14 2 2
	OCT. .	{ 17 16 8	17 6 14		DEC. .	13 8 46	13 13 27
	NOV. .	16 4 52	15 18 50				
	DEC. .	15 17 36	15 9 23				
768. C. 29 2 80	JAN. .	14 6 20	14 1 33	765. G.F. 28 19 56	JAN. .	{ 11 21 30	11 23 58
	FEB. .	12 19 4	12 18 42		○	{ 26 15 52	26 22 40
	MAR. .	{ 14 7 49	14 11 51		FEB. .	10 10 14	10 9 47
	○	{ 29 2 11	29 3 35		MAR. .	10 22 59	10 19 17
	APRIL	12 20 33	13 3 59		APRIL	9 11 43	9 5 5
	MAY .	12 9 17	12 18 23		MAY .	9 0 27	8 16 4
	JUNE .	10 22 1	11 6 41		JUNE .	7 13 11	7 4 46
	JULY .	10 10 45	10 17 14		JULY .	{ 7 1 55	6 19 25
	AUG. .	8 23 29	9 2 41		○	{ 21 20 17	21 18 8
	SEPT. .	{ 7 12 13	7 11 55		AUG. .	5 14 39	5 11 35
	○	{ 22 6 35	22 0 38		SEPT. .	4 3 23	4 4 33
	OCT. .	7 0 57	6 21 36		OCT. .	3 16 7	3 21 19
	NOV. .	5 13 41	5 8 8		NOV. .	2 4 51	2 13 4
	DEC. .	5 2 25	4 19 43		DEC. .	{ 1 17 35	2 3 13
						{ 31 6 19	31 15 32

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 764.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 761.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				H.A.			
March.				March.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
29 1 45				29 19 12			
	○	{ 15 0 41	14 22 11		JAN. .	27 10 12	27 19 55
	JAN. .	{ 29 19 8	30 2 4		FEB. .	25 22 56	26 12 1
	FEB. .	28 7 47	28 11 7		MAR. .	26 11 41	27 1 7
	MAR. .	29 20 31	29 19 14		APRIL .	25 0 25	25 11 20
	APRIL .	28 9 15	28 8 16		○	{ 9 18 47	9 11 32
	MAY .	27 21 59	27 12 14		MAY .	24 18 9	24 19 20
	JUNE .	26 10 48	25 28 5		JUNE .	23 1 53	23 2 30
	○	{ 11 5 6	11 10 10		JULY .	22 14 37	22 9 38
	JULY .	{ 25 28 27	25 12 29		AUG. .	21 8 21	20 17 50
	AUG. .	24 12 11	24 4 26		SEPT. .	19 16 5	19 8 56
	SEPT. .	23 0 55	22 22 17		OCT. .	19 4 49	18 16 32
	OCT. .	22 13 39	22 16 52		○	{ 2 23 11	2 7 9
	NOV. .	21 2 28	21 10 44		NOV. .	17 17 33	17 7 42
	DEC. .	20 15 7	21 2 47		DEC. .	17 6 17	17 1 8
763.				760.			
D.				G.			
29 7 31				29 1 1			
	○	{ 4 9 29	4 2 23		JAN. .	15 19 1	15 19 32
	JAN. .	{ 19 8 51	19 16 20		FEB. .	14 7 45	14 13 49
	FEB. .	17 16 35	18 8 18		MAR. .	15 20 39	16 6 36
	MAR. .	19 5 20	19 12 8		APRIL .	14 9 14	14 20 58
	APRIL .	17 18 4	17 19 32		○	{ 29 8 36	29 19 47
	MAY .	17 6 48	17 2 30		MAY .	13 21 54	14 4 40
	JUNE .	15 19 32	15 10 6		JUNE .	12 10 42	12 18 13
	JULY .	15 8 13	14 19 27		JULY .	11 23 26	12 2 28
	AUG. .	13 21 0	13 7 27		AUG. .	10 12 10	10 10 26
	SEPT. .	12 9 44	11 22 29		SEPT. .	9 0 54	8 19 8
	OCT. .	11 22 28	11 16 18		OCT. .	{ 8 13 34	8 4 59
	NOV. .	10 11 12	10 11 31		○	{ 23 8 0	23 13 36
	DEC. .	9 28 56	10 6 46		NOV. .	7 2 22	6 16 39
762.				759.			
C.				F.			
29 13 23				29 6 49			
	JAN. .	8 12 40	9 0 28		JAN. .	5 3 50	4 21 23
	FEB. .	7 1 24	7 15 17		FEB. .	3 16 34	3 13 52
	MAR. .	8 14 8	9 3 8		MAR. .	5 5 18	5 0 53
	APRIL .	7 2 52	7 12 20		APRIL .	3 18 2	3 23 29
	MAY .	{ 6 15 36	6 19 44		MAY .	3 6 46	3 14 46
	○	{ 21 9 58	21 9 30		JUNE .	1 19 30	2 4 9
	JUNE .	5 4 20	5 2 23		JULY .	{ 1 8 14	1 15 42
	JULY .	4 17 4	4 9 22		○	{ 30 20 58	31 1 49
	AUG. .	3 5 48	2 17 48		AUG. .	29 9 42	29 11 19
	SEPT. .	1 18 32	{ 1 4 37		SEPT. .	27 22 26	27 20 55
	○	{ 1 7 16	{ 80 18 25		OCT. .	27 11 10	27 7 9
	NOV. .	{ 30 20 0	30 11 8		NOV. .	25 23 54	25 18 14
	DEC. .	{ 14 14 22	14 18 6		DEC. .	25 12 38	25 6 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 758. E. March. d. h. m. 29 12 38		d. h. m.	d. h. m.	B.C. 755. A. March. d. h. m. 29 6 5		d. h. m.	d. h. m.
	JAN. .	24 1 22	23 19 11		JAN. .	20 16 32	21 1 17
	FEB. .	22 14 6	22 9 10		FEB. .	19 5 16	19 10 52
	○	{ 9 8 28	9 19 50		MAR. .	20 18 1	20 19 11
	MAR. .	{ 24 2 51	24 0 6		APRIL	19 6 45	19 2 57
	APRIL	22 15 35	22 15 35		MAY .	18 19 29	18 11 10
	MAY .	22 4 19	22 7 5		JUNE .	17 8 13	16 20 52
	JUNE .	20 17 3	20 21 55		JULY .	16 20 57	16 8 56
	JULY .	20 5 47	20 11 38		AUG. .	15 9 41	14 23 42
	AUG. .	18 18 31	19 0 10		SEPT. .	13 22 25	13 16 54
	○	{ 2 12 53	1 22 59		OCT. .	13 11 9	13 11 27
	SEPT. .	{ 17 7 15	17 11 47		NOV. .	11 23 53	12 6 2
	OCT. .	16 19 59	16 22 54		DEC. .	{ 11 12 37	11 23 14
	NOV. .	15 8 43	15 9 49		○	{ 26 6 59	25 23 33
	DEC. .	14 21 27	14 20 39				
757. D.C. 23 18 27	JAN. .	13 10 11	13 7 23	754. G. 29 11 54	JAN. .	10 1 21	10 14 5
	FEB. .	{ 11 22 55	11 18 23		FEB. .	8 14 5	9 2 15
	○	{ 26 17 17	27 7 17		MAR. .	10 2 50	10 11 56
	MAR. .	12 11 40	12 5 50		APRIL	8 15 34	8 19 48
	APRIL	11 0 24	10 18 16		MAY .	8 4 18	8 2 45
	MAY .	10 13 8	10 7 57		JUNE .	{ 6 17 2	6 9 50
	JUNE .	9 1 52	8 22 52		○	{ 21 11 24	21 18 14
	JULY .	8 14 36	8 14 29		JULY .	6 5 46	5 18 10
	AUG. .	{ 7 3 20	7 6 7		AUG. .	4 18 30	4 4 46
	○	{ 21 21 42	21 10 0		SEPT. .	3 7 14	2 18 22
	SEPT. .	5 16 4	5 21 12		OCT. .	2 19 53	2 10 56
	OCT. .	5 4 48	5 11 19		Nov. .	{ 1 8 42	1 5 43
	NOV. .	3 17 32	4 0 21		○	{ 30 21 26	{ 1 1 15
	DEC. .	3 6 16	3 12 19		DEC. .	{ 15 15 48	{ 15 12 25
						{ 30 10 10	{ 30 19 53
756. B. 29 0 16	JAN. .	{ 1 19 0	1 23 14	753. F.E. 28 17 43	JAN. .	28 22 54	29 12 12
	FEB. .	{ 31 7 44	31 9 12		FEB. .	27 11 33	28 1 29
	...	...	...		MAR. .	28 0 22	28 11 51
	MAR. .	{ 1 20 23	1 18 33		APRIL	26 13 6	26 19 57
	APRIL	{ 31 9 12	31 3 50		MAY .	26 1 50	26 2 49
	MAY .	29 21 56	29 13 54		○	{ 9 20 12	9 20 26
	JUNE .	29 10 40	29 1 32		JUNE .	{ 24 14 34	24 9 31
	JULY .	27 23 24	27 15 9		JULY .	24 3 18	23 17 10
	○	{ 11 6 30	11 1 57		AUG. .	22 16 2	22 2 47
	AUG. .	{ 26 0 52	25 23 36		SEPT. .	21 4 46	20 15 8
	SEPT. .	24 13 36	24 16 51		OCT. .	20 17 30	20 6 29
	OCT. .	24 2 20	24 9 28		NOV. .	19 6 14	19 0 24
	NOV. .	22 15 4	23 0 38		○	{ 4 0 36	4 4 7
	DEC. .	22 3 48	22 13 57		DEC. .	{ 18 18 58	18 19 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 752.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 749.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				A.D.			
March.	JAN. .	17 7 42	17 14 45	March.	JAN. .	14 22 52	14 16 48
<i>d. h. m.</i>	FEB. .	15 20 26	16 8 4	<i>d. h. m.</i>	FEB. .	13 11 36	13 5 58
28 23 32	MAR. .	17 9 11	17 22 38	28 16 58	MAR. .	14 0 21	13 20 8
	APRIL	15 21 55	16 10 11			28 18 43	29 4 7
	MAY .	15 10 39	15 18 35		APRIL	12 13 5	12 11 9
	JUNE .	13 23 23	14 2 45		MAY .	12 1 49	12 2 37
	JULY .	13 12 7	13 9 49		JUNE .	10 14 33	10 17 53
	AUG. .	12 0 51	11 17 31		JULY .	10 3 17	10 8 21
	SEPT. .	10 13 35	10 2 43		AUG. .	8 16 1	8 21 44
	OCT. .	10 2 19	9 11 7		SEPT. .	7 4 45	7 10 4
	NOV. .	8 15 8	8 4 2			21 23 7	21 10 9
	DEC. .	8 3 47	7 20 17		OCT. .	6 17 29	6 21 39
					NOV. .	5 6 13	5 8 49
					DEC. .	4 18 57	4 19 45
751.	JAN. .	6 16 31	6 14 9				
C.	FEB. .	5 5 15	5 8 31				
29 5 21	MAR. .	6 17 59	7 2 1	748.	JAN. .	3 7 41	3 6 27
	APRIL	5 6 43	5 17 31	F.	FEB. .	1 20 25	1 17 5
		20 1 5	19 19 18	23 22 47	MAR. .	3 9 9	3 3 54
	MAY .	4 19 27	5 6 35		APRIL	1 21 53	1 15 29
	JUNE .	8 8 11	3 17 13		MAY .	1 10 37	1 4 18
	JULY .	2 20 55	3 2 8			30 23 21	30 18 31
	AUG. .	1 9 39	1 10 19		JUNE .	29 12 5	29 0 52
		30 22 23	30 18 42		JULY .	29 0 49	29 1 45
	SEPT. .	29 11 7	29 4 5		AUG. .	27 13 33	27 17 28
		14 5 29	14 8 43		SEPT. .	26 2 17	26 8 23
	OCT. .	28 23 51	28 14 55		OCT. .	25 15 1	25 22 14
	NOV. .	27 12 35	27 3 29		NOV. .	24 3 45	24 10 52
	DEC. .	27 1 19	26 17 44		DEC. .	23 16 29	23 22 29
750.	JAN. .	25 14 3	25 9 24	747.	JAN. .	22 5 14	22 8 39
B.	FEB. .	24 2 47	24 2 0	E.			
29 11 9	MAR. .	25 15 32	25 18 48				
		9 9 54	9 11 17				
	APRIL	24 4 16	21 10 38	29 4 36	FEB. .	20 17 58	20 18 2
	MAY .	23 17 0	24 1 2		MAR. .	22 6 42	22 3 1
	JUNE .	22 5 41	22 18 37		APRIL	20 19 26	20 12 21
	JULY .	21 18 23	22 0 35		MAY .	20 8 10	19 22 55
	AUG. .	20 7 12	20 10 33		JUNE .	18 20 54	18 11 26
	SEPT. .	18 19 56	18 20 16		JULY .	18 9 38	18 2 5
		3 14 18	3 8 15			2 4 0	2 1 57
	OCT. .	18 8 40	18 6 20		AUG. .	16 22 22	16 18 34
	NOV. .	16 21 21	16 17 8		SEPT. .	15 11 3	15 12 0
	DEC. .	16 10 8	16 4 31		OCT. .	14 23 50	15 5 17
					NOV. .	13 12 34	13 21 29
					DEC. .	13 1 18	13 11 52

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 746. D. March. <i>d. h. m.</i> 29 10 21	JAN. . O FEB. . MAR. . APRIL MAY . JUNE . JULY . O AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> { 11 14 3 26 8 25 10 2 47 11 15 31 10 4 15 9 16 59 8 5 43 { 7 18 27 22 12 49 6 7 11 4 19 55 4 8 39 2 21 23 { 2 10 7 31 22 51	<i>d. h. m.</i> 12 0 12 26 5 57 10 10 28 11 19 9 10 2 54 9 10 36 7 19 20 7 6 5 22 17 42 5 19 33 4 11 42 4 5 54 3 0 49 2 19 0 ...	B.C. 743. G. March. <i>d. h. m.</i> 29 3 50	JAN. . FEB. . MAR. . APRIL MAY . O JUNE . JULY . AUG. . SEPT. . OCT. . O NOV. . DEC. .	<i>d. h. m.</i> 8 5 13 6 17 57 8 6 41 6 19 25 { 6 8 9 21 2 31 4 20 53 4 9 37 2 22 21 { 1 11 5 30 23 49 30 12 33 { 14 6 55 29 1 17 28 14 1	<i>d. h. m.</i> 8 9 15 7 3 31 8 19 26 7 8 23 6 13 36 20 18 15 5 2 48 4 10 3 2 17 27 1 1 58 30 12 19 30 1 1 14 15 45 28 16 5 28 9 6
745. C.B. 23 16 13	JAN. O FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	... { 15 17 13 30 11 35 29 0 19 29 13 3 28 1 47 27 14 31 26 3 15 24 4 43 22 17 27 22 6 11 20 18 55 20 7 39	1 11 10 15 10 39 31 0 37 29 11 23 29 19 55 28 3 5 27 9 53 25 17 26 25 2 50 23 14 55 22 6 7 22 0 2 20 19 28 20 14 46	742. F. 29 9 39	JAN. . FEB. . MAR. . APRIL O MAY . JUNE . JULY . AUG. . SEPT. . OCT. . O NOV. . DEC. .	27 2 45 25 15 29 27 4 13 25 16 57 { 10 11 19 25 5 41 23 18 25 23 7 9 21 19 53 20 3 37 19 21 21 { 3 15 43 18 10 5 17 22 49	27 3 11 25 21 4 27 13 34 26 3 50 10 3 22 25 15 40 24 1 28 23 10 4 21 18 27 20 3 29 19 13 41 3 21 40 18 1 24 17 14 41
744. A. 28 22 2	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . C DEC. .	18 20 24 17 9 8 18 21 52 17 10 36 16 23 20 15 12 4 15 0 43 13 13 32 12 2 16 11 15 0 { 10 3 44 24 22 6 9 16 28	19 8 22 17 23 9 19 10 50 17 19 53 17 3 12 15 9 51 14 16 58 13 1 34 11 12 34 11 2 30 9 19 14 25 3 2 9 13 53	741. E.D. 28 15 23	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	16 11 34 15 0 18 15 13 2 14 1 46 13 14 30 12 3 14 11 15 53 10 4 42 8 17 26 8 6 10 6 18 54 6 7 38	16 5 29 14 21 25 15 13 54 14 6 9 13 21 21 12 10 56 11 22 52 10 9 30 8 19 31 8 5 35 6 16 4 6 3 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 740. C. March. d. h. m. 28 21 17		d. h. m.	d. h. m.	B.C. 737. G.F. March. d. h. m. 28 14 44		d. h. m.	d. h. m.
	JAN. .	4 20 23	4 14 52		JAN. .	2 11 32	2 22 36
	FEB. .	3 9 7	3 3 19		FEB. .	1 0 16	1 9 47
	MAR. .	{ 4 21 51	4 16 40		MAR. .	{ 1 13 0	1 19 3
	○	{ 19 16 13	20 3 39		○	{ 31 1 44	31 2 58
	APRIL	3 10 35	3 7 0		APRIL	29 14 28	29 10 25
	MAY .	2 23 19	2 22 7		MAY .	29 3 12	28 18 21
	JUNE .	1 12 3	1 13 31		JUNE .	27 15 56	27 3 56
	JULY .	{ 1 0 47	1 4 35		JULY .	27 4 40	26 16 0
	○	{ 30 13 31	30 18 46		AUG. .	25 17 24	25 6 55
	AUG. .	29 2 15	29 7 53		SEPT. .	24 6 8	24 0 22
	○	{ 12 20 37	12 6 49		OCT. .	23 18 52	23 19 16
	SEPT. .	{ 27 14 59	27 20 6		NOV. .	22 7 36	22 14 8
	OCT. .	27 3 43	27 7 39		DEC. .	21 20 20	22 7 31
	NOV. .	25 16 27	25 18 48		○	{ 5 14 42	5 8 0
	DEC. .	25 5 11	25 5 34	736. E.	JAN. .	{ 20 9 5	20 22 23
739. B.	JAN. .	23 17 55	23 16 2		FEB. .	13 21 49	19 10 21
	FEB. .	22 6 39	22 2 26	28 20 32	MAR. .	20 10 33	20 19 48
	○	{ 9 1 1	9 14 8		APRIL	18 23 17	19 3 23
29 3 6	MAR. .	{ 23 19 23	23 13 17		MAY .	18 12 1	18 10 11
	APRIL	22 8 7	22 1 11		JUNE .	17 0 45	16 17 12
	MAY .	21 20 51	21 14 32		○	{ 1 19 7	2 1 1
	JUNE .	20 9 35	20 5 20		JULY .	{ 16 13 29	16 1 32
	JULY .	19 22 19	19 21 10		AUG. .	15 2 13	14 12 16
	AUG. .	18 11 3	18 13 16		SEPT. .	13 14 57	13 1 59
	○	{ 2 5 25	1 18 2		OCT. .	13 3 41	12 18 43
	SEPT. .	{ 16 23 47	17 4 56		NOV. .	11 16 25	11 13 87
	OCT. .	16 12 31	16 19 38		DEC. .	{ 11 5 9	11 9 14
	NOV. .	15 1 15	15 9 5		○	{ 25 23 31	25 21 16
	DEC. .	14 13 59	14 21 12	735. D.	JAN. .	9 17 54	10 3 51
738. A.	JAN. .	13 2 44	13 7 59		FEB. .	8 6 38	8 20 3
	FEB. .	{ 11 15 28	11 17 37	29 2 21	MAR. .	9 19 22	10 9 11
	○	{ 26 9 50	26 18 32		APRIL	8 8 6	8 19 24
29 8 55	MAR. .	13 4 12	13 2 29		MAY .	7 20 50	8 3 24
	APRIL	11 16 56	11 11 18		JUNE .	{ 6 9 34	6 10 16
	MAY .	11 5 40	10 20 58		○	{ 21 3 56	21 2 55
	JUNE .	9 18 24	9 8 18		JULY .	5 22 18	5 17 4
	JULY .	9 7 8	8 21 52		AUG. .	4 11 2	4 0 54
	AUG. .	{ 7 19 52	7 13 36		SEPT. .	2 23 46	2 10 44
	○	{ 22 14 14	22 10 0		OCT. .	2 12 30	{ 1 23 14
	SEPT. .	6 8 36	6 6 52		NOV. .	{ 1 1 14	{ 31 14 39
	OCT. .	5 21 20	6 0 37		○	{ 30 13 58	30 8 29
	NOV. .	4 10 4	4 17 43		DEC. .	{ 15 8 20	15 13 3
	DEC. .	3 22 48	4 9 12		○	{ 30 2 42	30 3 34

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 734. C. March. d. h. m. 29 8 10		d. h. m.	d. h. m.	B.C. 731. F. March. d. h. m. 29 1 36		d. h. m.	d. h. m.
	JAN. .	28 15 26	28 22 23		JAN. .	25 6 36	25 1 8
	FEB. .	27 4 10	27 15 28		FEB. .	23 19 20	23 13 43
	MAR. .	28 16 54	29 5 52		MAR. .	25 8 4	25 3 15
	APRIL	27 5 38	27 17 23		O	{ 9 2 26	9 11 45
	MAY .	26 18 22	27 2 30		APRIL	{ 23 20 48	23 17 47
	JUNE .	25 7 6	25 10 12		MAY .	23 9 32	23 9 2
	JULY .	24 19 50	24 17 32		JUNE .	21 22 16	22 0 23
	AUG. .	23 8 34	23 1 33		JULY .	21 11 0	21 15 15
	SEPT. .	21 21 18	21 11 3		AUG. .	19 23 44	20 5 11
	OCT. .	21 10 2	20 22 37		SEPT. .	18 12 23	18 18 8
	NOV. .	19 22 46	19 12 29		O	{ 3 6 50	2 18 5
	DEC. .	19 11 30	19 4 29		OCT. .	{ 18 1 12	18 6 15
					NOV. .	16 13 56	16 17 44
					DEC. .	16 2 40	16 4 40
733. B.A. 28 18 59	JAN. .	18 0 15	17 21 59	730. E. 29 7 25	JAN. .	14 15 25	14 15 10
	FEB. .	16 12 59	16 15 53		FEB. .	13 4 9	13 1 20
	MAR. .	17 1 43	17 9 2		MAR. .	14 16 53	14 11 37
	APRIL	{ 15 14 27	16 0 24		APRIL	13 5 37	12 22 39
	O	{ 30 8 49	30 2 40		MAY .	12 18 21	12 11 1
	MAY .	15 3 11	15 13 23		JUNE .	11 7 5	11 1 2
	JUNE .	13 15 55	14 0 19		JULY .	10 19 49	10 16 23
	JULY .	13 4 39	13 9 35		AUG. .	9 8 33	9 8 43
	AUG. .	11 17 23	11 18 11		SEPT. .	7 21 17	8 0 56
	SEPT. .	10 6 7	10 3 2		OCT. .	7 10 1	7 16 29
	OCT. .	{ 9 18 51	9 12 45		NOV. .	5 22 45	6 6 50
	O	{ 21 13 13	24 16 36		DEC. .	5 11 29	5 19 44
	NOV. .	8 7 35	7 23 46				
	DEC. .	7 20 19	7 12 12				
732. G. 23 19 48	JAN. .	6 9 4	6 2 5	729. D.C. 23 13 14	JAN. .	4 0 14	4 7 9
	FEB. .	4 21 48	4 17 12		FEB. .	{ 2 12 58	2 17 11
	MAR. .	6 10 32	6 9 13		O	{ 17 7 20	17 13 31
	APRIL	{ 4 23 16	5 1 28		MAR. .	3 1 42	3 2 9
	O	{ 19 17 33	19 18 55		APRIL	1 14 26	{ 1 10 41
	MAY .	4 12 0	4 17 11		MAY .	{ 1 3 10	{ 30 19 35
	JUNE .	3 0 44	3 7 40		JUNE .	30 15 54	30 5 50
	JULY .	2 13 28	2 20 36		JULY .	29 4 33	28 18 12
	AUG. .	{ 1 2 12	1 8 2		O	{ 12 11 44	12 9 53
	SEPT. .	30 14 56	30 13 33		AUG. .	{ 27 6 6	27 1 41
	O	{ 13 22 2	13 15 59		SEPT. .	25 18 50	25 19 33
	OCT. .	{ 28 16 21	28 15 11		OCT. .	25 7 31	25 13 20
	NOV. .	27 5 8	27 2 1		NOV. .	23 20 18	24 5 56
	DEC. .	26 17 52	26 13 16		DEC. .	23 9 2	23 20 29

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 728. B. March. <i>d. h. m.</i> 28 19 3		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 725. F.E. March. <i>d. h. m.</i> 28 12 29		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	21 21 46	22 8 42		JAN. .	19 12 56	19 16 56
	○	{ 5 16 8	5 13 31		FEB. .	18 1 40	18 10 55
	FEB. .	20 10 30	20 18 45		MAR. .	18 14 24	19 2 37
	MAR. .	21 23 14	22 3 5		APRIL	17 3 8	17 13 31
	APRIL	20 11 58	20 10 28		MAY .	{ 16 15 52	17 1 47
	MAY .	20 0 42	19 17 54		○	{ 31 10 14	31 0 59
	JUNE .	18 13 26	18 2 28		JUNE .	15 4 36	15 10 7
	JULY .	18 2 10	17 13 12		JULY .	14 17 20	14 17 30
	○	{ 1 20 32	2 1 17		AUG. .	13 6 4	13 1 23
	AUG. .	{ 16 14 54	16 2 43		SEPT. .	11 18 48	11 10 14
	SEPT. .	15 3 38	14 19 7		OCT. .	11 7 32	10 20 50
	OCT. .	14 16 22	14 13 35		NOV. .	{ 9 20 16	9 9 31
	NOV. .	13 5 6	13 8 48		○	{ 24 14 34	25 0 20
	DEC. .	12 17 50	13 3 12		DEC. .	9 9 0	9 0 26
727. A. 20 0 52	JAN. .	{ 11 6 35	11 19 25	724. D. 28 18 18	JAN. .	7 21 44	7 17 5
	○	{ 26 0 57	25 18 49		FEB. .	6 10 29	6 10 42
	FEB. .	9 19 19	10 8 46		MAR. .	7 23 13	8 4 9
	MAR. .	11 8 3	11 19 18		APRIL	6 11 57	6 20 23
	APRIL	9 20 47	10 3 36		MAY .	{ 6 0 41	6 10 37
	MAY .	9 9 31	9 10 35		○	{ 20 19 3	20 10 33
	JUNE .	7 22 15	7 17 18		JUNE .	4 13 25	4 22 38
	JULY .	{ 7 10 59	7 0 51		JULY .	4 2 9	4 8 44
	○	{ 22 5 21	22 11 9		AUG. .	2 14 53	2 17 48
	AUG. .	5 23 43	5 10 20		SEPT. .	{ 1 3 37	1 2 38
	SEPT. .	4 12 27	3 22 35		○	{ 30 16 21	30 12 3
	OCT. .	4 1 11	3 13 56		OCT. .	30 5 5	29 22 30
	NOV. .	2 13 55	2 7 57		○	{ 13 23 27	14 5 48
	DEC. .	{ 2 2 30	2 3 27		NOV. .	{ 28 17 49	28 10 12
		{ 31 15 23	31 22 43		DEC. .	28 6 33	27 23 13
726. G. 20 6 41	JAN. .	30 4 7	30 16 11	723. C. 20 0 7	JAN. .	26 19 17	26 13 29
	FEB. .	28 16 52	{ 1 6 50		FEB. .	25 8 1	25 4 48
	MAR. .	30 5 36	{ 30 18 23		MAR. .	26 20 45	26 20 46
	APRIL	28 18 20	29 3 21		APRIL	25 9 29	25 12 42
	MAY .	28 7 4	28 10 38		MAY .	24 22 13	25 3 52
	JUNE .	26 19 48	26 17 21		JUNE .	23 10 57	23 17 48
	JULY .	26 8 32	26 0 39		JULY .	22 23 41	23 6 5
	AUG. .	24 21 16	24 9 23		AUG. .	21 12 25	21 17 17
	SEPT. .	23 10 0	22 20 42		SEPT. .	20 1 9	20 3 50
	OCT. .	22 22 44	22 10 43		OCT. .	19 13 53	19 14 19
	NOV. .	21 11 28	21 3 24		NOV. .	18 2 37	18 1 2
	○	{ 6 5 50	6 11 58		DEC. .	17 15 21	17 12 0
	DEC. .	{ 21 0 12	20 21 56				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 722.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 719.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March. d. h. m.	JAN. .	16 4 6	15 23 24	E. March. d. h. m.	JAN. .	12 19 16	13 7 8
29 5 56	FEB. .	14 16 50	14 11 18	28 23 22	FEB. .	11 8 0	11 13 8
	MAR. .	16 5 34	16 0 1		MAR. .	12 20 44	13 3 5
	○	180 23 56	31 11 17		APRIL .	11 9 23	11 10 40
	APRIL .	14 18 13	14 13 49		MAY .	10 22 12	10 17 49
	MAY .	14 7 2	14 4 36		JUNE .	9 10 56	9 1 36
	JUNE .	12 19 46	12 19 58		JULY .	8 23 40	8 11 6
	JULY .	12 8 30	12 11 18		AUG. .	7 12 24	6 23 13
	AUG. .	10 21 14	11 1 58		SEPT. .	6 1 8	5 14 18
	SEPT. .	9 9 58	9 15 43		OCT. .	5 13 52	5 8 0
	○	21 4 20	23 14 45		NOV. .	4 2 36	4 3 10
	OCT. .	8 22 42	9 4 30		DEC. .	3 15 20	3 22 16
	NOV. .	7 11 26	7 16 28				
	DEC. .	7 0 10	7 3 45				
721.	JAN. .	5 12 55	5 14 23	718.	JAN. ○	2 4 5	2 15 43
A.G.	FEB. .	4 1 39	4 0 29	D.	○	16 22 27	16 16 27
28 11 45	MAR. .	4 14 23	4 10 23			31 16 49	...
	○	19 8 45	19 22 10	29 5 11	FEB. .	...	1 6 31
	APRIL .	3 3 7	2 20 40		MAR. .	2 5 33	2 18 20
	MAY .	2 15 51	2 8 5		○	31 18 17	1 3 32
	JUNE .	1 4 35	31 21 8		APRIL .	30 7 1	30 10 58
	JULY .	30 17 19	30 11 53		MAY .	29 19 45	29 17 37
	AUG. .	30 6 3	30 3 56		JUNE .	28 8 29	28 0 38
	○	12 13 9	12 2 17		○	18 2 51	13 7 22
	SEPT. .	27 7 31	27 12 47		JULY .	27 21 13	27 9 5
	OCT. .	26 20 15	27 4 2		AUG. .	26 9 57	25 19 56
	NOV. .	25 8 59	25 17 49		SEPT. .	24 22 41	24 9 49
	DEC. .	24 21 43	25 6 1		OCT. .	24 11 25	24 2 39
					NOV. .	23 0 9	22 21 37
					DEC. .	22 12 53	22 17 11
720.	JAN. .	23 10 27	23 16 37	717.	○	6 7 15	6 6 3
F.	FEB. .	21 23 11	22 1 43	O.B.	JAN. .	21 1 37	21 11 39
28 17 34	○	8 17 33	9 1 14	28 11 0	FEB. .	19 14 21	20 3 42
	MAR. .	23 11 55	23 10 19		MAR. .	20 3 5	20 16 43
	APRIL .	22 0 39	21 18 42		APRIL .	18 15 49	19 2 49
	MAY .	21 13 23	21 3 59		MAY .	18 4 33	18 10 47
	JUNE .	20 2 7	19 15 8		JUNE .	16 17 17	16 17 43
	JULY .	19 14 51	19 4 41		○	1 11 39	1 9 25
	AUG. .	18 3 35	17 20 36		JULY .	16 6 1	16 0 41
	○	1 21 57	1 18 12		AUG. .	14 13 45	14 8 46
	SEPT. .	16 16 19	16 14 14		SEPT. .	13 7 29	12 18 50
	OCT. .	16 5 3	16 8 27		OCT. .	12 20 13	12 7 29
	NOV. .	14 17 47	15 1 59		NOV. .	11 8 57	10 22 53
	DEC. .	14 6 31	14 17 43		DEC. .	10 21 41	10 16 33
					○	25 16 3	25 21 56

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 716.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 713.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March. d. h. m. 28 16 40	JAN. .	9 10 26	9 11 22	E.D. March. d. h. m. 28 10 15	JAN. .	7 1 38	6 22 1
	FEB. .	7 23 10	8 5 52		FEB. .	5 14 20	5 9 22
	MAR. .	9 11 54	9 22 41		MAR. .	6 3 4	5 21 20
	APRIL	8 0 88	8 12 58		APRIL	{ 4 15 48	4 10 17
	MAY .	7 13 22	8 0 29		○	(19 10 10	19 19 17
	JUNE .	6 2 6	6 9 45		MAY .	4 4 32	4 0 25
	JULY .	5 14 50	5 17 41		JUNE .	2 17 16	2 15 29
	AUG. .	4 8 34	4 1 22		JULY .	{ 2 6 0	2 6 58
	SEPT. .	2 16 18	2 9 44			{ 31 18 41	31 22 15
	OCT. .	{ 2 5 2	1 19 33		AUG. .	30 7 28	30 12 45
		{ 31 17 46	31 7 15		SEPT. .	28 20 12	29 2 20
	NOV. .	80 6 80	29 21 1		○	{ 13 14 34	13 2 12
	DEC. .	29 19 14	29 12 40		OCT. .	{ 28 8 56	28 14 55
					NOV. .	26 21 40	27 2 39
					DEC. .	26 10 24	26 13 35
715. G. 28 22 38	JAN. .	23 7 59	28 5 40	712. C. 28 16 4	JAN. .	24 23 8	24 23 46
	FEB. .	26 20 43	26 23 5		FEB. .	23 11 53	23 9 30
	MAR. .	28 9 27	28 15 53		MAR. .	25 0 37	24 19 14
	APRIL	26 22 11	27 7 8		APRIL	23 13 21	23 5 45
	○	{ 11 16 33	11 10 0		MAY .	23 2 5	22 17 45
	MAY .	{ 26 10 55	26 20 19		JUNE .	21 14 49	21 7 36
	JUNE .	24 23 39	25 7 23		JULY .	21 3 33	20 23 9
	JULY .	24 12 23	24 17 7		AUG. .	19 16 17	19 15 45
	AUG. .	23 1 7	23 2 12		SEPT. .	18 5 1	18 8 33
	SEPT. .	21 13 51	21 11 29		OCT. .	17 17 45	18 0 39
	OCT. .	21 2 35	20 21 31		NOV. .	16 6 29	16 15 26
	○	{ 4 20 57	5 0 33		DEC. .	15 19 13	16 4 31
	NOV. .	{ 19 15 19	19 8 37				
	DEC. .	19 4 3	18 20 53				
714. F. 20 4 27	JAN. .	17 16 47	17 10 18	711. B. 23 21 53	JAN. .	14 7 57	14 15 51
	FEB. .	16 5 31	16 0 51		FEB. .	{ 12 20 41	13 1 35
	MAR. .	17 18 15	17 16 15		○	{ 27 15 3	27 20 42
	APRIL	16 6 59	16 8 6		MAR. .	14 9 25	14 10 9
	○	{ 1 1 21	1 2 27		APRIL	12 22 9	12 18 14
	MAY .	{ 15 19 43	15 23 41		MAY .	12 10 53	12 2 46
	JUNE .	14 8 27	14 14 18		JUNE .	10 23 37	10 12 46
	JULY .	13 21 11	14 3 35		JULY .	10 12 21	10 1 1
	AUG. .	12 9 55	12 15 35		AUG. .	{ 9 1 5	8 15 52
	SEPT. .	10 22 39	11 2 41		○	{ 23 19 27	23 17 56
	OCT. .	{ 10 11 23	10 13 24		SEPT. .	7 13 49	7 8 54
	○	{ 25 5 45	24 23 48		OCT. .	7 2 33	7 3 12
	NOV. .	9 0 7	9 0 6		NOV. .	5 15 17	5 21 27
	DEC. .	8 12 51	8 10 53		DEC. .	5 4 1	5 14 20

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 710. A. March. d. h. m. 29 8 42	JAN. .	d. h. m. 3 16 46	d. h. m. 4 5 0	B.C. 707. D. March. d. h. m. 28 21 8	JAN. .	d. h. m. 29 20 40	d. h. m. 30 0 31
	FEB. .	{ 2 5 30	2 17 6		FEB. .	23 9 24	23 18 11
	○	16 23 52	16 21 3		MAR. .	29 22 8	30 9 42
	MAR. .	3 18 14	4 2 52		APRIL	28 10 52	28 22 34
	APRIL	2 6 58	2 10 53		MAY .	27 23 36	28 8 56
	MAY .	{ 1 19 42	1 17 59		○	{ 11 17 58	11 7 47
		31 8 26	31 1 13		JUNE .	{ 26 12 20	26 17 31
	JUNE .	29 21 10	29 9 41		JULY .	26 1 4	26 1 22
	JULY .	29 9 54	28 20 26		AUG. .	24 13 48	24 9 28
	○	{ 13 4 16	13 8 59		SEPT. .	23 2 32	22 18 40
	AUG. .	{ 27 22 33	27 10 5		OCT. .	22 15 16	22 5 28
	SEPT. .	26 11 22	26 2 41		NOV. .	21 4 0	20 18 11
	OCT. .	26 0 6	25 21 25		○	{ 5 22 22	6 8 55
	NOV. .	24 12 50	24 16 51		DEC. .	{ 20 16 44	20 8 49
	DEC. .	24 1 34	24 11 20				
709. G.F.	JAN. .	22 14 13	23 3 32	706. C.	JAN. .	19 5 23	19 1 0
	○	{ 6 8 40	6 2 53		FEB. .	17 18 12	17 18 3
	FEB. .	{ 21 3 2	21 16 45	29 2 57	MAR. .	19 6 56	19 11 5
	MAR. .	21 15 46	22 3 5		APRIL	17 19 40	18 3 6
	APRIL	20 4 30	20 11 11		MAY .	17 8 24	{ 17 17 20
	MAY .	19 17 14	19 18 2		○	{ 1 2 46	31 17 46
	JUNE .	18 5 58	18 0 43		JUNE .	{ 15 21 8	16 5 34
	JULY .	17 18 42	17 8 22		JULY .	15 9 52	15 16 5
	○	{ 1 13 4	1 18 17		AUG. .	13 22 36	14 1 35
	AUG. .	{ 16 7 26	15 18 0		SEPT. .	12 11 20	12 10 56
	SEPT. .	14 20 10	14 6 24		OCT. .	12 0 4	11 20 43
	OCT. .	14 8 54	13 21 53		NOV. .	{ 10 12 43	10 7 22
	NOV. .	12 21 33	12 15 56		○	{ 25 7 10	25 13 55
	DEC. .	12 10 22	12 11 23		DEC. .	10 1 32	9 19 0
708. M.	JAN. .	10 23 7	11 6 33	705. D.A.	JAN. .	8 14 17	8 7 41
	FEB. .	9 11 51	9 23 52		FEB. .	7 3 1	6 21 23
	MAR. .	11 0 35	11 14 21	28 8 46	MAR. .	7 15 45	7 12 6
	APRIL	9 13 19	10 1 47		APRIL	6 4 29	6 3 33
	MAY .	9 2 3	9 10 40		MAY .	5 17 13	5 19 13
	JUNE .	7 14 47	7 18 1		JUNE .	4 5 57	4 10 24
	JULY .	7 3 31	7 0 56		JULY .	3 18 41	4 0 33
	AUG. .	5 16 15	5 8 28		○	{ 2 7 25	2 13 24
	SEPT. .	4 4 59	3 17 34		AUG. .	{ 31 20 9	{ 1 1 11
	OCT. .	3 17 43	3 4 58		SEPT. .	30 8 53	{ 30 12 17
	NOV. .	2 6 27	1 19 2		OCT. .	29 21 37	29 23 9
	DEC. .	1 19 11	1 11 36		NOV. .	28 10 21	28 10 0
	○	{ 16 13 33	16 20 49		DEC. .	27 23 5	27 20 52
		31 7 55	31 5 50				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 704. G. March. <i>d. h. m.</i> 28 14 35		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 701. D.C. March. <i>d. h. m.</i> 28 8 1		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	26 11 50	26 7 51		JAN. .	24 3 0	24 15 34
	FEB. .	25 0 34	24 19 11		FEB. .	22 15 44	23 2 20
	MAR. .	26 13 18	26 7 19		MAR. .	23 4 28	23 10 58
	○	{ 10 7 40	10 18 49		APRIL	21 17 12	21 18 16
	APRIL	{ 25 2 2	24 20 36		MAY .	21 5 56	21 1 13
	MAY .	24 14 46	24 11 6		JUNE .	19 18 40	19 8 53
	JUNE .	23 3 30	23 2 28		JULY .	19 7 24	18 18 23
	JULY .	22 16 14	22 18 4		AUG. .	17 20 8	17 6 33
	AUG. .	21 4 58	21 9 18		SEPT. .	16 8 52	15 21 51
	SEPT. .	19 17 42	19 23 39		OCT. .	15 21 36	15 15 45
	○	{ 4 12 4	3 22 53		NOV. .	14 10 20	14 11 8
	OCT. .	{ 19 6 26	19 13 0		DEC. .	13 23 4	14 6 20
	NOV. .	17 19 10	18 1 19				
	DEC. .	17 7 54	17 12 41	700. B.	JAN. .	{ 12 11 48	12 23 49
					○	{ 27 6 10	27 0 44
703. F. 28 20 24	JAN. .	15 20 38	15 23 7		FEB. .	11 0 32	11 14 29
	FEB. .	14 9 22	14 8 49	28 13 50	MAR. .	12 13 16	13 2 7
	MAR. .	{ 15 22 6	15 18 12		APRIL	11 2 0	11 11 9
	○	{ 30 16 28	31 5 23		MAY .	10 14 44	10 18 20
	APRIL	14 10 50	14 3 58		JUNE .	9 3 28	9 1 4
	MAY .	13 23 34	13 14 56		JULY .	{ 8 16 12	8 8 8
	JUNE .	12 12 18	12 3 45		○	{ 23 10 34	23 14 48
	JULY .	12 1 2	11 18 30		AUG. .	7 4 56	6 16 43
	AUG. .	10 13 46	10 10 49		SEPT. .	5 17 40	5 3 43
	SEPT. .	{ 9 2 30	9 3 53		OCT. .	5 6 24	4 17 40
	○	{ 23 20 52	23 10 37		NOV. .	3 19 8	3 10 41
	OCT. .	8 15 14	8 20 43		DEC. .	3 7 52	3 5 3
	NOV. .	7 3 58	7 12 27				
	DEC. .	6 16 42	7 2 32				
702. E. 29 2 13	JAN. .	5 5 27	5 14 45	699. A.	JAN. ○	{ 1 20 37	2 1
	FEB. .	3 18 11	4 1 8			{ 16 14 59	16 14 4
	MAR. .	{ 5 6 55	5 10 2			{ 31 9 21	31 19 2
	○	{ 20 1 17	20 8 38		FEB. .	...	...
	APRIL	3 19 39	3 18 2	28 19 39	MAR. .	{ 1 22 5	2 11 1
	MAY .	3 8 23	3 2 2			{ 31 10 49	{ 1 0
	JUNE .	1 21 7	{ 1 11 3		APRIL	29 23 33	{ 30 10
	JULY .	{ 1 9 51	{ 30 22 2		MAY .	29 12 17	29 18
		{ 30 22 35	30 11 37		JUNE .	28 1 1	28 1 1
	AUG. .	29 11 19	29 3 45		○	{ 12 19 23	12 16
	○	{ 13 5 41	13 2 32		JULY .	{ 27 13 45	27 8 2
	SEPT. .	{ 23 0 3	27 21 46		AUG. .	26 2 29	25 16 4
	OCT. .	27 12 47	27 16 25		SEPT. .	24 15 13	24 3
	NOV. .	26 1 31	26 10 16		OCT. .	24 3 57	23 15 3
	DEC. .	25 14 15	26 2 11		NOV. .	22 16 41	22 7 1
					DEC. .	22 5 25	22 0 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 698.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 695.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.	○	{ 5 23 48	6 6 45	C.	JAN. .	17 9 19	17 6 38
March.	JAN. .	{ 20 18 10	20 19 2	March.	FEB. .	15 22 3	15 17 28
<i>d. h. m.</i>	FEB. .	19 6 54	19 13 13	<i>d. h. m.</i>	MAR. .	17 10 47	17 4 51
29 1 28	MAR. .	20 19 38	21 5 47	28 18 54	APRIL	{ 15 23 31	15 17 14
	APRIL	19 8 22	19 19 57	○	{ 30 17 53	{ 1 2 42	
	MAY .	18 21 6	19 7 32	MAY .	15 12 15	{ 15 6 59	
	JUNE .	17 9 50	17 17 0	JUNE .	14 0 59	13 21 55	
	○	{ 2 4 12	1 17 41	JULY .	13 13 43	13 13 33	
	JULY .	{ 16 22 34	17 1 16	AUG. .	12 2 27	12 5 19	
	AUG. .	15 11 18	15 9 20	SEPT. .	10 15 11	10 20 26	
	SEPT. .	14 0 2	13 18 5	OCT. .	{ 10 3 55	10 10 35	
	OCT. .	13 12 46	13 4 10	○	{ 24 22 17	24 10 25	
	NOV. .	12 1 30	11 15 57	NOV. .	8 16 39	8 23 39	
	DEC. .	11 14 14	11 5 33	DEC. .	8 5 23	8 11 34	
697.	JAN. .	10 2 58	9 20 48	694.	JAN. .	6 18 8	6 22 25
F.E.	FEB. .	8 15 42	8 13 14	B.	FEB. .	5 6 52	5 8 15
23 7 17	MAR. .	9 4 26	9 6 10	29 0 43	MAR. .	6 19 36	6 17 29
	APRIL	7 17 10	7 22 33		APRIL	5 8 20	5 2 43
	MAY .	{ 7 5 54	7 13 47		MAY .	4 21 4	4 12 47
	○	{ 22 0 16	21 17 16		JUNE .	3 9 48	3 0 28
	JUNE .	5 13 38	6 3 6		JULY .	2 22 32	2 14 13
	JULY .	5 7 22	5 14 35		AUG. .	{ 1 11 16	1 5 55
	AUG. .	3 20 6	4 0 44		{ 31 0 0	30 22 56	
	SEPT. .	2 8 50	2 10 18		SEPT. .	29 12 44	29 16 15
	○	{ 1 21 34	1 20 2		OCT. .	29 1 28	29 8 53
	NOV. .	{ 31 10 18	31 6 22		NOV. .	27 14 12	28 0 1
	○	{ 15 4 40	15 8 37		DEC. .	27 2 56	27 13 14
	DEC. .	{ 20 23 2	29 17 30				
		29 11 46	29 5 30				
696.	JAN. .	28 0 31	27 18 27	693.	JAN. .	23 15 41	26 0 26
D.	FEB. .	26 13 15	26 8 24	A.G.	FEB. .	21 4 25	24 9 51
28 18 6	MAR. .	28 1 59	27 23 14	28 6 32	○	{ 9 22 47	10 3 47
	APRIL	26 14 43	26 14 41		MAR. .	{ 24 17 9	24 18 1
	○	{ 11 9 5	11 9 56		APRIL	23 5 53	23 1 43
	MAY .	{ 26 3 27	26 6 9		MAY .	22 13 37	22 9 57
	JUNE .	24 16 11	24 20 57		JUNE .	21 7 21	20 19 45
	JULY .	21 4 55	24 10 41		JULY .	20 20 5	20 8 0
	AUG. .	22 17 39	22 23 15		AUG. .	19 8 49	18 22 59
	SEPT. .	21 6 23	21 10 55		○	{ 3 3 11	3 2 8
	OCT. .	20 19 7	20 22 7		SEPT. .	{ 17 21 33	17 16 20
	○	{ 4 13 29	4 7 44		OCT. .	17 10 17	17 11 0
	NOV. .	{ 19 7 51	19 9 4		NOV. .	15 23 1	16 5 35
	DEC. .	18 20 35	18 19 53		DEC. .	15 11 45	15 22 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 692. F. March. <i>d. h. m.</i> 28 12 21		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 689. C.D. March. <i>d. h. m.</i> 23 5 47		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	14 0 29	14 13 23		JAN. .	11 15 39	11 13 41
	FEB. .	{ 12 13 13	13 1 20		FEB. .	10 4 23	10 7 57
	○	{ 27 7 35	27 4 26		MAR. .	10 17 7	11 1 17
	MAR. .	14 1 57	14 10 49		APRIL	9 5 51	9 16 38
	APRIL	12 14 41	12 18 33		MAY .	8 18 35	9 5 30
	MAY .	12 3 25	12 1 26		JUNE .	{ 7 7 19	7 16 2
	JUNE .	10 16 9	10 8 33		○	{ 22 1 41	21 14 36
	JULY .	10 4 53	9 17 0		JULY .	6 20 3	7 0 56
	AUG. .	{ 8 17 37	8 3 48		AUG. .	5 8 47	5 9 9
	○	{ 23 11 59	23 16 47		SEPT. .	3 21 31	3 17 41
	SEPT. .	7 6 21	6 17 36		OCT. .	3 10 15	3 3 13
	OCT. .	6 19 5	6 10 23		NOV. .	1 22 59	1 14 12
	NOV. .	5 7 49	5 5 17		DEC. ○	{ 1 11 43	1 2 52
	DEC. .	4 20 33	5 0 50			{ 16 6 5	16 17 25
						{ 31 0 27	30 17 7
691. E.	JAN. .	3 9 18	3 19 22	688. A.	JAN. .	29 13 12	29 8 48
28 18 10	FEB. .	{ 1 22 2	2 11 29	28 11 36	FEB. .	28 1 56	28 1 19
	○	{ 16 16 24	16 10 52		MAR. .	29 14 40	29 17 54
	MAR. .	3 10 46	4 0 34		APRIL	28 3 24	23 9 43
	APRIL	1 23 30	2 10 42		MAY .	27 16 8	28 0 0
	MAY .	{ 1 12 14	1 18 41		○	{ 11 10 30	11 0 59
	JUNE .	{ 31 0 58	31 1 29		JUNE .	{ 26 4 52	26 12 32
	JULY .	29 13 42	29 8 14		JULY .	25 17 36	25 23 30
	○	{ 12 20 48	13 1 33		AUG. .	24 6 20	24 9 33
	AUG. .	{ 27 15 10	27 1 49		SEPT. .	22 19 4	22 19 21
	SEPT. .	26 3 54	25 14 21		OCT. .	22 7 48	22 5 32
	OCT. .	25 16 38	25 5 57		NOV. .	20 20 32	20 16 18
	NOV. .	21 5 22	23 23 59		○	{ 5 14 54	5 22 3
	DEC. .	23 18 6	23 19 17		DEC. .	{ 20 9 16	20 3 47
690. D.	JAN. .	22 6 51	22 14 15	687. G.	JAN. .	18 22 0	18 16 2
23 23 59	FEB. .	20 19 35	21 7 24	23 17 25	FEB. .	17 10 45	17 5 10
	MAR. .	22 8 19	22 21 43		MAR. .	18 23 29	18 19 17
	APRIL	20 21 3	21 9 4		APRIL	17 12 13	17 10 16
	MAY .	20 9 47	20 17 59		MAY .	17 0 57	17 1 41
	JUNE .	18 22 31	19 1 28		JUNE .	15 13 41	15 16 55
	JULY .	18 11 15	18 8 36		JULY .	15 2 25	15 7 25
	AUG. .	16 23 59	16 16 25		AUG. .	13 15 9	13 20 50
	SEPT. .	15 12 43	15 1 48		SEPT. .	12 3 53	12 9 13
	OCT. .	15 1 27	14 13 23		OCT. .	11 16 37	11 20 52
	NOV. .	13 14 11	13 3 27		NOV. .	10 5 21	10 8 4
	DEC. .	{ 13 2 55	12 19 43		DEC. .	9 18 5	9 18 59
	○	{ 27 21 17	23 5 33				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 686. F. March. d. h. m. 28 23 14		d. h. m.	d. h. m.	B.C. 683. B. March. d. h. m. 28 16 40		d. h. m.	d. h. m.
	JAN. .	8 6 49	8 5 39		JAN. .	4 21 59	5 10 30
	FEB. .	6 19 33	6 16 10		FEB. .	3 10 43	3 23 48
	MAR. .	8 8 17	8 2 56		MAR. .	4 23 27	5 10 21
	APRIL	{ 6 21 1	6 14 29		APRIL	3 12 11	3 18 44
	○	{ 21 15 23	22 2 13		MAY .	3 0 55	3 1 48
	MAY .	6 9 45	6 3 18		JUNE .	1 13 39	{ 1 8 36
	JUNE .	4 22 29	4 17 33		JULY .	{ 1 2 23	{ 30 16 14
	JULY .	4 11 13	4 8 59		AUG. .	{ 30 15 7	80 1 46
	AUG. .	2 23 57	3 0 57		SEPT. .	29 3 51	28 14 6
	SEPT. .	1 12 41	1 16 43		OCT. .	27 16 35	27 5 31
		{ 1 1 25	1 7 42		NOV. .	27 5 19	26 23 36
	OCT. ○	{ 15 19 47	15 7 9		DEC. .	25 18 3	25 19 5
		{ 30 14 9	30 21 33			25 6 47	25 14 19
	NOV. .	29 2 53	29 10 11				
	DEC. .	28 15 37	28 21 33	682. A.	JAN. .	23 19 32	24 7 45
685. E.D. 23 5 8	JAN. .	27 4 22	27 7 44		○	{ 7 13 54	7 8 56
	FEB. .	25 17 6	25 17 1	23 22 29	FEB. .	{ 22 8 16	22 22 18
	MAR. .	26 5 50	26 1 54		MAR. .	23 21 0	24 9 47
	○	{ 10 0 12	10 12 29		APRIL	22 9 44	22 18 40
	APRIL	{ 24 18 34	24 11 13		MAY .	21 22 23	22 1 53
	MAY .	24 7 18	23 21 49		JUNE .	20 11 12	20 8 33
	JUNE .	22 20 2	22 10 26		JULY .	19 23 56	19 15 45
	JULY .	22 8 46	22 1 15		○	{ 3 18 18	3 21 49
	AUG. .	20 21 30	20 17 52		AUG. .	{ 18 12 40	18 0 33
	SEPT. .	19 10 14	19 11 21		SEPT. .	17 1 24	16 11 46
	○	{ 4 4 36	3 19 8		OCT. .	16 14 8	16 1 54
	OCT. .	{ 18 22 58	19 4 44		NOV. .	15 2 52	14 18 47
	NOV. .	17 11 42	17 20 55		DEC. .	14 15 36	14 13 33
	DEC. .	17 0 26	17 11 13	681. G.F.	JAN. .	{ 13 4 20	13 8 47
684. C. 23 10 52	JAN. .	15 13 11	15 23 23		○	{ 27 22 42	27 23 18
	FEB. .	14 1 55	14 9 30	28 4 18	FEB. .	11 17 4	12 2 52
	MAR. .	{ 15 14 39	15 18 2		MAR. .	12 5 43	12 18 33
	○	{ 30 9 1	30 15 29		APRIL	10 13 32	11 7 20
	APRIL	14 3 23	14 1 41		MAY .	10 7 16	10 17 23
	MAY .	13 16 7	13 9 22		JUNE .	8 20 0	9 1 31
	JUNE .	12 4 51	11 18 9		JULY .	{ 8 8 44	8 8 46
	JULY .	11 17 35	11 5 4		○	{ 23 3 6	22 22 44
	AUG. .	10 6 19	9 18 42		AUG. .	6 21 28	6 16 17
	SEPT. .	{ 8 19 3	8 11 5		SEPT. .	5 10 12	5 0 58
	○	{ 23 13 25	23 11 0		OCT. .	4 22 56	4 11 30
	OCT. .	8 7 47	8 5 25		NOV. .	3 11 40	3 0 22
	NOV. .	6 20 31	7 0 24		DEC. .	3 0 24	2 15 32
	DEC. .	6 9 15	6 18 31				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 680. E. March. d. h. m. 28 10 7		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 677. B.A. March. d. h. m. 28 3 33		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. ○	{ 1 13 9 16 7 31 31 1 53	1 8 37 16 15 25 31 2 38		JAN. .	28 17 3	28 15 9
	FEB. .	...	...		FEB. .	27 5 47	27 1 29
	MAR. .	{ 1 14 37 31 3 21	1 20 22 31 12 41		MAR. .	27 18 31	27 12 16
	APRIL	29 16 5	30 2 48		APRIL	26 7 15	26 0 9
	MAY .	29 4 49	29 14 31		○	{ 11 1 37 25 19 59	11 10 4 25 13 32
	JUNE .	27 17 33	28 0 15		JUNE .	24 8 43	24 4 25
	○	{ 12 11 55 27 6 17	12 0 33 27 8 54		JULY .	23 21 27	23 20 20
	JULY .	25 19 1	25 17 24		AUG. .	22 10 11	22 12 31
	AUG. .	24 7 45	24 2 33		SEPT. .	20 22 55	21 4 14
	SEPT. .	23 20 29	23 12 54		OCT. .	20 11 39	20 18 58
	OCT. .	22 9 13	22 0 43		○	{ 4 6 1 19 0 23	3 18 45 19 8 25
	NOV. .	21 21 57	21 14 3		DEC. .	18 13 7	18 20 26
	DEC. .						
679. D. 28 15 56	JAN. .	20 10 42	20 4 51	676. G. 28 9 22	JAN. .	17 1 52	17 7 8
	FEB. .	18 23 26	18 20 43		FEB. .	15 14 36	15 16 38
	MAR. .	20 12 10	20 13 8		MAR. .	17 3 20	17 1 24
	APRIL	19 0 54	19 5 16		APRIL	15 16 4	15 10 9
	MAY .	18 13 38	18 20 21		MAY .	15 4 48	14 19 48
	○	{ 2 8 0 17 2 22	2 0 35 17 9 54		JUNE .	13 17 32	13 7 15
	JUNE .	16 15 6	16 21 47		JULY .	13 6 16	12 20 58
	AUG. .	15 3 50	15 8 28		AUG. .	11 19 0	11 12 52
	SEPT. .	13 16 34	13 18 35		SEPT. .	10 7 44	10 6 16
	OCT. .	13 5 18	13 4 44		OCT. .	9 20 28	10 0 5
	NOV. .	{ 11 18 2 26 12 24	11 15 18 26 16 39		NOV. .	8 9 12	8 17 11
	○				DEC. .	7 21 56	8 8 36
	DEC. .	11 6 46	11 2 25				
678. C. 23 21 45	JAN. .	9 19 30	9 14 5	675. F. 23 15 11	JAN. .	6 10 40	6 21 51
	FEB. .	8 8 14	8 2 30		FEB. .	4 23 24	5 8 52
	MAR. .	9 20 58	9 15 48		MAR. .	{ 6 12 8 21 6 30	6 17 58 21 10 41
	APRIL	8 9 42	8 6 5		○		
	MAY .	{ 7 22 26 22 16 48	7 21 10 22 17 23		APRIL	5 0 52	5 1 46
	○				MAY .	4 13 36	4 9 9
	JUNE .	6 11 10	6 12 34		JUNE .	3 2 20	2 17 8
	JULY .	5 23 54	6 3 38		JULY .	2 15 4	{ 2 2 50 31 15 5
	AUG. .	4 12 38	4 17 51		AUG. .	{ 1 3 48 30 16 32	30 6 13
	SEPT. .	3 1 22	3 7 1		○	{ 14 10 54 29 5 16	14 10 27 28 23 51
	OCT. .	2 14 6	2 19 17		SEPT. .		
	NOV. ○	{ 1 2 50 15 21 12 30 15 34	1 6 54 15 15 44 30 18 2		OCT. .	23 18 0	23 18 50
	DEC. .	30 4 18	30 4 45		NOV. .	27 6 44	27 13 42
					DEC. .	26 19 28	27 6 58

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 674. E. March. d. h. m. 23 21 0		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 671. A. March. d. h. m. 28 14 26		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	25 8 13	25 21 39		JAN. .	7 5 1	7 14 23
	FEB. .	23 20 57	24 9 25		FEB. .	21 23 23	21 21 26
	○	{ 10 15 19	10 11 42		○	20 12 7	20 15 15
	MAR. .	{ 25 9 41	25 18 40		MAR. .	22 0 51	22 8 14
	APRIL	23 22 25	24 2 10		APRIL	20 13 35	20 23 27
	MAY .	23 11 9	23 8 53		MAY .	20 2 19	20 12 23
	JUNE .	21 23 53	21 15 56		JUNE .	18 15 3	18 23 9
	JULY .	21 12 37	21 0 26		○	{ 3 9 25	2 21 32
	AUG. .	20 1 21	19 11 21		JULY .	{ 18 3 47	18 8 25
	○	{ 3 19 43	4 0 44		AUG. .	16 16 31	16 17 6
	SEPT. .	{ 18 14 5	18 1 18		SEPT. .	15 5 15	15 2 3
	OCT. .	18 2 49	17 18 13		OCT. .	14 17 59	14 11 55
	NOV. .	16 15 33	16 13 14		NOV. .	13 6 43	12 23 2
	DEC. .	16 4 17	16 8 50		DEC. .	{ 12 19 27	12 11 32
					○	{ 27 13 50	28 1 54
673. D.C. 28 2 49	JAN. .	14 17 2	15 3 19	670. G. 28 20 15	JAN. .	11 8 12	11 1 26
	FEB. .	{ 13 5 46	13 19 18		FEB. .	9 20 56	9 16 30
	○	{ 23 0 8	27 18 43		MAR. .	11 9 40	11 8 27
	MAR. .	13 18 30	14 8 12		APRIL	9 22 24	10 0 37
	APRIL	12 7 14	12 18 14		MAY .	9 11 8	9 16 14
	MAY .	11 19 58	12 2 7		JUNE .	{ 7 23 52	8 6 41
	JUNE .	10 8 42	10 8 57		○	{ 22 18 14	22 8 16
	JULY .	9 21 26	9 15 49		JULY .	7 12 36	7 19 32
	AUG. .	{ 8 10 10	7 23 48		AUG. .	6 1 20	6 7 1
	○	{ 23 4 32	23 8 54		SEPT. .	4 14 4	4 17 37
	SEPT. .	6 22 51	6 9 49		OCT. .	4 2 43	4 3 55
	OCT. .	6 11 38	5 22 33		NOV. .	2 15 32	2 14 25
	NOV. .	5 0 22	4 14 8		DEC. ○	{ 2 4 16	2 1 16
	DEC. .	4 13 6	4 8 4			{ 16 22 33	17 6 7
						{ 31 17 0	31 12 32
672. B. 28 8 33	JAN. .	3 1 50	3 3 9	669. F.E. 28 2 4	JAN. .	30 5 44	30 0 20
	FEB. .	1 14 34	1 21 50		FEB. .	28 13 28	28 12 51
	MAR. .	3 3 13	3 14 43		MAR. .	29 7 12	29 2 21
	APRIL	1 16 2	2 4 54		APRIL	27 19 56	27 16 52
	MAY .	{ 1 4 46	1 16 14		MAY .	27 8 40	27 8 7
	JUNE .	{ 30 17 30	31 1 15		○	{ 11 3 2	11 0 25
	JULY .	29 6 14	29 8 55		JUNE .	{ 25 21 24	25 23 29
	AUG. .	28 18 58	28 16 21		JULY .	25 10 8	25 14 21
	SEPT. .	27 7 42	27 0 30		AUG. .	23 22 52	24 4 20
	OCT. .	25 20 26	25 10 11		SEPT. .	22 11 36	22 17 20
	NOV. .	25 9 10	24 21 55		OCT. .	22 0 20	22 5 29
	DEC. .	23 21 54	23 11 55		NOV. .	20 13 4	20 16 58
		23 10 38	23 3 59		DEC. .	20 1 43	20 3 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 668. D. March. d. h. m. 28 7 53	JAN. .	d. h. m. 18 14 33	d. h. m. 18 14 19	B.C. 665. A.G. March. d. h. m. 28 1 19	JAN. .	d. h. m. 16 5 43	d. h. m. 16 18 46
	FEB. .	17 3 17	17 0 23		FEB. .	14 18 27	15 7 55
	MAR. .	18 16 1	18 10 35		MAR. .	15 7 11	15 18 14
	APRIL .	17 4 45	16 21 35		APRIL .	13 19 55	14 2 24
	○	{ 1 23 7	2 9 32		MAY .	13 8 39	13 9 16
	MAY .	{ 16 17 29	16 9 59		JUNE .	11 21 23	11 16 1
	JUNE .	15 6 13	15 0 5		JULY .	11 10 7	10 23 40
	JULY .	14 18 57	14 15 36		AUG. .	9 22 51	9 9 20
	AUG. .	13 7 41	13 7 57		SEPT. .	8 11 35	7 21 48
	SEPT. .	11 20 25	12 0 15		OCT. .	8 0 19	7 13 22
	OCT. .	{ 11 9 9	11 15 50		NOV. .	6 13 3	6 7 32
	○	{ 26 3 31	25 15 33		DEC. .	6 1 47	6 3 4
	NOV. .	9 21 53	10 6 11				
	DEC. .	9 10 37	9 19 0				
667. C. 23 13 42	JAN. .	7 23 21	8 6 19	664. F. 23 7 8	JAN. .	4 14 31	4 22 15
	FEB. .	6 12 5	6 16 14		FEB. .	{ 3 3 15	3 15 32
	MAR. .	8 0 49	8 1 4		○	{ 17 21 37	17 17 1
	APRIL .	{ 6 13 33	6 9 30		MAR. .	4 15 59	5 5 56
	○	{ 21 7 55	21 19 25		APRIL .	3 4 43	3 17 16
	MAY .	6 2 17	5 18 23		MAY .	2 17 27	3 2 4
	JUNE .	4 15 1	4 4 42		JUNE .	{ 1 6 11	1 9 17
	JULY .	4 3 45	3 17 11			{ 30 18 55	30 16 4
	AUG. .	2 16 29	2 8 6		JULY .	30 7 33	29 23 28
	SEPT. .	{ 1 5 13	1 1 1		○	{ 14 2 1	14 4 55
	○	{ 30 17 57	30 18 59			{ 28 20 23	28 8 30
	OCT. .	{ 15 12 19	15 3 45		SEPT. .	27 9 7	26 19 55
	NOV. .	{ 30 6 41	30 12 49		OCT. .	26 21 51	26 10 7
	DEC. .	23 19 25	29 5 22		NOV. .	25 10 35	25 2 56
		23 8 9	23 19 47		DEC. .	24 23 19	24 21 30
666. B. 23 19 30	JAN. .	26 20 54	27 7 51	663. E. 23 12 57	JAN. .	23 12 4	23 16 27
	FEB. .	25 9 38	25 17 43		○	{ 7 6 26	7 7 48
	MAR. .	26 22 22	27 1 54		FEB. .	{ 22 0 48	22 10 14
	○	{ 10 16 44	10 22 11		MAR. .	23 13 32	24 1 45
	APRIL .	{ 25 11 6	25 9 13		APRIL .	22 2 16	22 14 27
	MAY .	24 23 50	24 16 33		MAY .	21 15 0	22 0 31
	JUNE .	23 12 34	23 1 18		JUNE .	20 3 44	20 8 53
	JULY .	23 1 18	22 12 10		JULY .	19 16 28	19 16 27
	AUG. .	21 14 2	21 1 56		○	{ 3 10 50	3 5 33
	SEPT. .	20 2 46	19 18 31			{ 18 5 12	18 0 18
	○	{ 4 21 8	4 19 36		AUG. .	16 17 56	16 9 18
	OCT. .	{ 19 15 30	19 13 8		SEPT. .	16 6 40	15 20 4
	NOV. .	18 4 14	18 8 26		OCT. .	14 19 21	14 8 56
	DEC. .	17 16 58	18 2 43		NOV. .	14 8 8	13 23 54
					DEC. .		

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 662. D. March. d. h. m. 28 18 45	JAN. . O FEB. . MAR. . APRIL MAY . JUNE . JULY . O AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. { 12 20 53 27 15 15 11 9 37 12 22 21 11 11 5 10 23 49 9 12 33 { 9 1 17 23 19 39 7 14 1 6 2 45 5 15 29 4 4 13 3 16 57	d. h. m. 12 16 33 27 23 59 11 10 5 18 3 24 11 19 29 11 9 36 9 21 30 9 7 36 23 7 32 7 16 40 6 1 38 5 11 10 3 21 43 3 9 30	B.C. 659. G. March. d. h. m. 28 12 12	JAN. . FEB. . MAR. . APRIL MAY . O JUNE . JULY . AUG. . SEPT. . OCT. . O NOV. . DEC. .	d. h. m. 9 12 2 8 0 47 9 13 31 8 2 15 { 7 14 59 22 9 21 6 3 43 5 16 27 4 5 11 2 17 55 { 2 6 39 31 19 23 { 15 13 45 30 8 7 29 20 51	d. h. m. 9 13 32 7 23 34 9 9 22 7 19 37 7 7 2 22 17 21 5 20 8 5 11 0 4 3 9 2 19 50 2 12 9 1 3 24 15 3 10 30 17 10 30 5 15
661. C.B. 28 0 34	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . O DEC. .	{ 2 5 41 31 18 25 ... 1 7 9 { 80 19 53 29 8 37 28 21 21 27 10 5 26 22 49 25 11 33 24 0 17 23 18 1 22 1 45 { 6 20 7 21 14 29	1 22 32 31 12 47 ... 1 4 3 30 19 56 29 11 48 29 2 54 27 16 42 27 5 4 25 16 18 24 2 57 23 13 30 22 0 15 7 0 39 21 11 15	658. F. 28 18 1	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	28 9 35 26 22 19 28 11 3 26 23 47 26 12 31 25 1 15 24 13 59 23 2 43 21 15 27 21 4 11 19 16 55 19 5 39	28 15 43 27 0 51 28 9 11 26 17 30 26 2 50 24 14 4 24 3 48 22 19 53 21 13 41 21 7 59 20 1 28 19 17 7
660. A. 28 6 23	JAN. . FEB. . MAR. . APRIL MAY . O JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . O DEC. .	20 8 14 18 15 53 20 4 42 18 17 26 18 6 10 { 2 0 32 16 18 54 16 7 38 14 20 22 13 9 6 12 21 50 { 11 10 34 26 4 56 10 23 18	19 22 35 18 10 26 19 23 7 18 12 53 18 3 41 2 0 50 16 19 3 16 10 24 15 1 7 13 14 55 13 3 44 11 15 44 25 23 47 11 3 0	657. E.D. 27 23 50	JAN. . FEB. . MAR. . O APRIL MAY . JUNE . JULY . AUG. . SEPT. . O OCT. . NOV. . DEC. .	17 18 24 16 7 8 { 16 19 52 31 14 14 15 8 36 14 21 20 13 10 4 12 22 48 11 11 32 { 10 0 16 24 18 38 9 13 0 8 1 44 7 14 23	18 6 22 16 17 10 17 1 57 31 17 29 15 9 26 14 16 33 13 0 22 12 10 1 10 22 20 9 13 38 24 18 55 9 7 30 8 2 48 7 21 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 644. B. March. d. h. m. 28 3 24	JAN. .	d. h. m. 23 4 36	d. h. m. 23 0 24	B.C. 641. F.E. March. d. h. m. 27 20 51	JAN. .	d. h. m. 20 19 46	d. h. m. 20 22 15
	O	{ 6 22 58	7 8 24		FEB. .	19 8 30	19 7 49
	FEB. .	{ 21 17 20	21 17 23		MAR. .	19 21 14	19 17 6
	MAR. .	23 6 4	23 10 19		APRIL	18 9 58	18 2 51
	APRIL	21 18 48	22 2 10		MAY .	17 22 42	17 13 51
	MAY .	21 7 32	21 16 13		O	{ 1 17 4	2 0 37
	JUNE .	19 20 16	20 4 28		JUNE .	{ 16 11 26	16 2 45
	JULY .	19 9 0	19 14 58		JULY .	16 0 10	15 17 38
	O	{ 3 3 22	2 14 37		AUG. .	14 12 54	14 10 5
	AUG. .	{ 17 21 44	18 0 33		SEPT. .	13 1 38	13 3 16
	SEPT. .	16 10 28	16 9 58		OCT. .	12 14 22	12 20 8
	OCT. .	15 23 12	15 19 53		NOV. .	{ 11 3 6	11 11 52
	NOV. .	14 11 56	14 6 36		O	{ 25 21 28	25 11 38
	DEC. .	14 0 40	13 18 17		DEC. .	10 15 50	11 1 53
643. A. 28 9 13	JAN. .	12 13 23	12 6 55	640. D. 28 2 40	JAN. .	9 4 35	9 13 53
	FEB. .	11 2 8	10 20 38		FEB. .	7 17 19	8 0 11
	MAR. .	12 14 53	12 11 18		MAR. .	9 6 3	9 8 55
	APRIL	11 3 37	11 2 42		APRIL	7 18 47	7 16 50
	MAY .	10 16 21	10 18 13		MAY .	7 7 31	7 0 49
	JUNE .	9 5 5	9 9 27		JUNE .	5 20 15	5 9 53
	JULY .	8 17 49	8 23 34		JULY .	5 8 59	4 21 0
	AUG. .	7 6 33	7 12 26		AUG. .	3 21 43	3 10 46
	SEPT. .	5 19 17	6 0 17		SEPT. .	2 10 27	2 8 7
	OCT. .	5 8 1	5 11 27		O	{ 1 23 11	1 21 16
	NOV. .	3 20 45	3 22 24		OCT. .	{ 31 11 55	31 15 57
	DEC. .	{ 3 9 29	3 9 15		NOV. .	30 0 39	30 9 46
	O	{ 18 3 51	18 8 37		DEC. .	29 13 23	30 1 34
642. G. 28 15 2	JAN. .	{ 1 22 13	1 20 4	639. C. 28 8 29	JAN. .	28 2 7	28 14 44
	FEB. .	{ 31 10 57	31 6 59		FEB. .	26 14 51	27 1 18
	...	...	...		MAR. .	28 3 35	28 9 47
	MAR. .	{ 1 23 41	1 18 14		O	{ 11 21 57	12 0 11
	APRIL	{ 31 12 25	31 6 20		APRIL	{ 26 16 19	26 16 59
	MAY .	30 1 9	29 19 36		MAY .	26 5 3	25 23 55
	O	{ 13 8 15	13 8 17		JUNE .	24 17 47	24 7 39
	JUNE .	{ 28 2 37	28 1 32		JULY .	24 6 31	23 17 19
	JULY .	27 15 21	27 17 12		AUG. .	22 19 15	22 5 43
	AUG. .	26 4 5	26 8 29		SEPT. .	21 7 59	20 21 13
	SEPT. .	24 16 49	24 22 54		O	{ 6 2 21	6 3 29
	OCT. .	24 5 33	24 12 16		OCT. .	{ 20 20 43	20 15 17
	NOV. .	22 18 17	23 0 35		NOV. .	19 9 27	19 10 43
	O	{ 7 12 39	7 7 50		DEC. .	18 22 11	19 5 53
	DEC. .	{ 22 7 1	22 11 54				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 638. B. March. <i>d. h. m.</i> 28 14 17		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 635. E. March. <i>d. h. m.</i> 28 7 44		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17 10 56	17 23 12		JAN. .	{ 14 2 5	18 20 11
	FEB. .	15 23 40	16 13 39		○	{ 28 20 27	29 7 25
	MAR. .	17 12 24	18 1 5		FEB. .	12 14 50	12 12 36
	○	{ 1 6 46	1 1 54		MAR. .	14 3 34	14 5 25
	APRIL	{ 16 1 8	16 9 56		APRIL	12 16 18	12 21 46
	MAY .	15 13 52	15 17 8		MAY .	12 5 2	12 12 47
	JUNE .	14 2 36	13 23 46		JUNE .	10 17 46	11 2 2
	JULY .	13 15 20	13 6 55		JULY .	{ 10 6 30	10 13 30
	AUG. .	12 4 4	11 15 41		○	{ 25 0 52	24 11 41
	SEPT. .	{ 10 16 48	10 2 55		AUG. .	8 19 14	8 23 40
	○	{ 25 11 10	25 16 56		SEPT. .	7 7 58	7 9 21
	OCT. .	10 5 32	9 17 9		OCT. .	6 20 42	6 19 10
	NOV. .	8 18 16	8 10 14		NOV. .	5 9 26	5 5 35
	DEC. .	8 7 0	8 5 11		DEC. .	4 22 10	4 16 47
637. A.G. 27 20 6	JAN. .	6 19 45	7 0 35	634. D. 28 13 33	JAN. .	{ 3 10 55	3 4 48
	FEB. .	5 8 29	5 18 44		○	{ 18 5 17	18 18 26
	MAR. .	{ 5 21 13	6 10 24		FEB. .	1 23 39	1 17 42
	○	{ 20 15 35	20 10 4		MAR. .	3 12 23	3 7 34
	APRIL	4 9 57	4 23 3		APRIL	2 1 7	1 22 22
	MAY .	3 22 41	4 8 57		MAY .	{ 1 13 51	1 13 47
	JUNE .	2 11 25	2 16 52		○	{ 31 2 35	31 5 12
	JULY .	{ 2 0 9	1 23 53		JUNE .	29 15 19	29 20 0
	○	{ 31 12 53	31 7 16		○	{ 14 9 41	13 23 5
	AUG. .	30 1 37	29 15 46		JULY .	{ 29 4 3	29 9 44
	○	{ 13 19 59	13 23 56		AUG. .	27 16 47	27 22 21
	SEPT. .	{ 28 14 21	28 2 17		SEPT. .	26 5 31	26 10 6
	OCT. .	28 3 5	27 15 15		OCT. .	25 18 15	25 21 20
	NOV. .	26 15 49	26 6 41		NOV. .	24 6 59	24 8 19
	DEC. .	26 4 33	26 0 8		DEC. .	23 19 43	23 19 7
636. F. 28 1 55	JAN. .	24 17 17	24 18 30	633. C.B. 27 19 22	○	{ 7 14 5	7 22 0
	FEB. .	23 6 1	23 12 32		JAN. .	{ 22 8 27	22 5 47
	MAR. .	24 18 45	25 4 56		FEB. .	20 21 11	20 16 33
	APRIL	23 7 29	23 18 55		MAR. .	21 9 55	21 3 52
	MAY .	22 20 13	23 6 22		APRIL	19 22 39	19 16 15
	JUNE .	21 8 57	21 15 47		MAY .	19 11 23	19 5 59
	JULY .	20 21 41	21 0 4		JUNE .	18 0 7	17 20 59
	AUG. .	19 10 25	19 8 13		○	{ 2 18 29	2 15 26
	SEPT. .	17 23 9	17 17 7		JULY .	{ 17 12 51	17 12 44
	OCT. .	17 11 53	17 3 21		AUG. .	16 1 35	16 4 31
	NOV. .	16 0 37	15 15 16		SEPT. .	14 14 19	14 19 42
	DEC. .	15 13 21	15 4 55		OCT. .	14 3 3	14 9 54
					NOV. .	12 15 47	12 22 57
					DEC. .	12 4 31	12 10 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 632.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 629.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				E.D.			
March.	JAN. .	10 17 16	10 21 34	March.	JAN. .	8 8 26	8 18 51
<i>d. h. m.</i>	FEB. .	9 6 0	9 7 18	<i>d. h. m.</i>	FEB. .	6 21 10	7 10 46
28 1 10	MAR. .	10 18 44	10 16 26	27 18 37	MAR. .	7 9 54	7 23 36
	APRIL	9 7 28	9 1 35		APRIL	5 22 38	6 9 34
	MAY .	{ 8 20 12	8 11 39		MAY .	5 11 22	5 17 25
	○	{ 23 14 34	23 23 58		JUNE .	4 0 6	4 0 11
	JUNE .	7 8 56	6 23 25		JULY .	3 12 50	3 6 59
	JULY .	6 21 40	6 13 17		AUG. .	{ 2 1 34	1 14 54
	AUG. .	5 10 24	5 5 10			{ 31 14 18	31 0 55
	SEPT. .	3 23 8	3 22 18		SEPT. .	30 3 2	29 13 41
	OCT. .	3 11 52	3 15 42		OCT. .	29 15 46	29 5 26
	NOV. .	{ 2 0 36	2 8 20		NOV. .	28 4 30	27 23 34
	○	{ 16 18 58	16 8 37		DEC. .	27 17 14	27 18 52
	DEC. .	{ 1 13 20	1 23 24				
		{ 31 2 4	31 12 30				
631.	JAN. .	29 14 49	29 23 33	628.	JAN. .	26 5 59	26 13 44
G.	FEB. .	23 3 33	23 8 47	C.	FEB. .	24 18 43	25 6 39
28 6 59	MAR. .	29 16 17	29 16 51	28 0 26	○	{ 11 13 5	11 8 50
	APRIL	28 5 1	23 0 29		MAR. .	{ 26 7 27	26 20 45
	○	{ 12 23 23	13 9 4		APRIL	24 20 11	25 7 55
	MAY .	{ 27 17 45	27 8 44		MAY .	24 8 55	24 16 44
	JUNE .	26 6 29	25 18 40		JUNE .	22 21 39	23 0 12
	JULY .	25 19 13	25 7 4		JULY .	22 10 23	22 7 23
	AUG. .	24 7 57	23 22 15		AUG. .	20 23 7	20 15 20
	SEPT. .	22 20 41	22 15 47		○	{ 4 17 29	4 19 30
	OCT. .	22 9 25	22 10 33		SEPT. .	{ 19 11 51	19 0 54
	○	{ 6 3 47	5 21 21		OCT. .	19 0 35	18 12 41
	NOV. .	{ 20 22 9	21 5 8		NOV. .	17 13 19	17 2 53
	DEC. .	20 10 53	20 22 8		DEC. .	17 2 3	16 19 18
630.	JAN. .	18 23 37	19 12 38	627.	JAN. .	15 14 47	15 13 11
F.	FEB. .	17 12 21	18 0 23	B.	FEB. .	{ 14 3 31	14 7 20
28 12 48	MAR. .	19 1 5	19 9 42	28 6 15	○	{ 23 21 53	1 0 18
	APRIL	17 13 49	17 17 18		MAR. .	{ 15 16 15	16 0 31
	○	{ 2 8 11	2 11 21		APRIL	14 4 59	14 15 41
	MAY .	{ 17 2 33	17 0 9		MAY .	13 17 43	14 4 25
	JUNE .	15 15 17	15 7 17		JUNE .	12 6 27	12 14 51
	JULY .	15 4 1	14 15 52		JULY .	11 19 11	11 23 44
	AUG. .	13 16 45	13 2 52		AUG. .	{ 10 7 55	10 8 2
	SEPT. .	12 5 29	11 16 54		○	{ 25 2 17	24 19 34
	OCT. .	{ 11 18 13	11 9 53		SEPT. .	8 20 39	8 16 42
	○	{ 26 12 35	26 13 7		OCT. .	8 9 23	8 2 21
	NOV. .	10 6 57	10 4 54		NOV. .	6 22 7	6 13 29
	DEC. .	9 19 41	10 0 26		DEC. .	6 10 51	6 2 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 626. A. March. d. h. m. 28 12 3		d. h. m.	d. h. m.	B.C. 623. D. March. d. h. m. 28 5 30		d. h. m.	d. h. m.
	JAN. .	4 23 36	4 16 32		JAN. .	{ 1 14 45	1 20 44
	FEB. .	3 12 20	3 8 10		FEB. .	{ 31 3 30	31 6 49
	○	18 6 42	18 16 41		...	...	...
	MAR. .	5 1 4	5 0 36		MAR. .	{ 1 16 14	1 15 58
	APRIL	3 13 48	3 17 5		APRIL	{ 31 4 58	31 0 46
	MAY .	3 2 32	3 8 46		MAY .	29 17 42	29 10 3
	JUNE .	1 15 16	1 22 59		...	29 6 26	28 20 48
	JULY .	{ 1 4 0	1 11 28		○	{ 13 0 48	13 7 54
	○	{ 30 16 44	30 22 27		JUNE .	{ 27 19 10	27 9 26
	AUG. .	{ 14 11 6	13 21 54		JULY .	27 7 54	27 0 26
	SEPT. .	{ 29 5 28	29 8 32		AUG. .	25 20 38	25 17 10
	OCT. .	27 18 12	27 18 28		SEPT. .	24 9 22	24 10 49
	NOV. .	27 6 56	27 4 43		OCT. .	23 22 6	24 4 12
	DEC. .	25 19 40	25 15 33		NOV. .	22 10 50	22 20 21
		25 8 24	25 3 3		○	{ 7 5 12	6 20 8
					DEC. .	{ 21 23 34	22 10 33
625. G.F. 27 17 52	JAN. .	23 21 8	23 15 17	622. C. 28 11 19	JAN. .	20 12 18	20 22 32
	FEB. .	22 9 52	22 4 21		FEB. .	19 1 2	19 8 30
	MAR. .	22 22 36	22 18 24		MAR. .	20 13 46	20 16 53
	APRIL	21 11 20	21 9 19		APRIL	19 2 30	19 0 25
	MAY .	21 0 4	21 0 43		MAY .	18 15 14	18 8 6
	JUNE .	19 12 48	19 15 58		JUNE .	17 3 53	16 16 58
	JULY .	19 1 32	19 6 28		JULY .	16 16 42	16 4 2
	AUG. .	17 14 16	17 19 54		AUG. .	15 5 26	14 17 53
	SEPT. .	16 3 0	16 8 21		SEPT. .	13 18 10	13 10 27
	OCT. .	15 15 44	15 20 3		OCT. .	13 6 54	13 4 56
	NOV. .	14 4 28	14 7 18		NOV. .	11 19 38	11 23 57
	DEC. .	{ 13 17 12	13 18 12		DEC. .	11 8 22	11 18 1
	○	{ 28 11 31	28 16 31				
624. E. 27 23 41	JAN. .	12 5 57	12 4 48	621. B.A. 27 17 8	JAN. .	9 21 7	10 9 53
	FEB. .	10 18 41	10 15 15		FEB. .	8 9 51	8 22 57
	MAR. .	12 7 25	12 1 57		MAR. .	8 22 35	9 9 18
	APRIL	10 20 9	10 13 28		APRIL	{ 7 11 19	7 17 31
	MAY .	10 8 53	10 2 17		○	{ 22 5 41	22 6 47
	JUNE .	{ 8 21 37	8 16 36		MAY .	7 0 3	7 0 30
	○	{ 23 15 59	23 15 47		JUNE .	5 12 47	5 7 19
	JULY .	8 10 21	8 8 7		JULY .	5 1 31	4 15 1
	AUG. .	6 23 5	7 0 9		AUG. .	3 14 15	3 0 45
	SEPT. .	5 11 49	5 15 59		SEPT. .	2 2 59	1 13 18
	OCT. .	5 0 33	5 7 1		○	{ 1 15 43	1 4 56
	NOV. .	3 13 17	3 20 53		OCT. ○	{ 16 10 5	16 12 10
	DEC. .	{ 3 2 1	3 9 28		NOV. .	{ 31 4 27	30 23 10
	○	{ 17 20 23	17 15 52		DEC. .	29 17 11	29 18 42
						29 5 55	29 13 53

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 620. G. March. d. h. m. 27 22 56		d. h. m.	d. h. m.	B.C. 617. D.C. March. d. h. m. 27 16 23		d. h. m.	d. h. m.
	JAN. .	27 18 40	28 7 8		JAN. .	25 9 50	25 4 12
	FEB. .	26 7 24	26 21 27		○	{ 9 4 12	9 15 46
	MAR. .	27 20 8	28 8 42		FEB. .	{ 23 22 34	23 20 1
	○	{ 11 14 30	11 8 52		MAR. .	24 11 18	24 12 19
	APRIL	{ 26 8 52	26 17 26		APRIL	23 0 2	23 4 22
	MAY .	25 21 36	26 0 35		MAY .	22 12 46	22 19 23
	JUNE .	24 10 20	24 7 15		JUNE .	21 1 30	21 8 52
	JULY .	23 23 4	23 14 34		JULY .	20 14 14	20 20 45
	AUG. .	22 11 48	21 23 31		○	{ 4 8 36	3 18 59
	SEPT. .	21 0 32	20 10 58		AUG. .	{ 19 2 58	19 7 28
	○	{ 5 18 54	6 1 12		SEPT. .	17 15 42	17 17 40
	OCT. .	{ 20 18 16	20 1 18		OCT. .	17 4 26	17 8 55
	NOV. .	19 2 0	18 18 20		NOV. .	15 17 10	15 14 33
	DEC. .	18 14 44	18 13 10		DEC. .	15 5 54	15 1 39
619. F. 28 4 45	JAN. .	17 3 28	17 8 19	616. B. 27 22 12	JAN. .	{ 18 18 33	18 13 19
	FEB. .	15 16 12	16 2 13		○	{ 28 13 0	29 2 29
	MAR. .	{ 17 4 56	17 17 42		FEB. .	12 7 22	12 1 41
	○	{ 31 23 18	31 17 44		MAR. .	13 20 6	13 14 55
	APRIL	15 17 40	16 6 16		APRIL	12 8 50	12 5 10
	MAY .	15 6 24	15 16 10		MAY .	11 21 31	11 20 15
	JUNE .	13 19 8	14 0 14		JUNE .	10 10 18	10 11 30
	JULY .	13 7 52	13 7 32		JULY .	{ 9 23 2	10 2 43
	AUG. .	11 20 36	11 15 10		○	{ 24 17 24	24 6 38
	SEPT. .	{ 10 9 20	10 0 0		AUG. .	8 11 46	8 16 57
	○	{ 25 3 42	25 7 37		SEPT. .	7 0 30	7 6 10
	OCT. .	9 22 4	9 10 44		OCT. .	6 13 14	6 18 30
	NOV. .	8 10 43	7 23 44		NOV. .	5 1 58	5 6 9
	DEC. .	7 23 32	7 15 0		DEC. .	4 14 42	4 17 16
618. E. 28 10 34	JAN. .	6 12 17	6 8 7	615. A. 28 4 0	JAN. .	{ 3 3 27	3 3 57
	FEB. .	5 1 1	5 2 3		○	{ 17 21 49	18 5 48
	MAR. .	6 13 45	6 19 40		FEB. .	1 16 11	1 14 15
	APRIL	5 2 29	5 11 50		MAR. .	3 4 55	3 0 29
	MAY .	4 15 13	5 1 46		APRIL	{ 1 17 39	1 11 14
	JUNE .	3 3 57	3 13 23		MAY .	{ 1 6 23	30 23 8
	JULY .	2 16 41	2 23 6		JUNE .	{ 30 19 7	30 12 32
	AUG. .	{ 1 5 25	1 7 46		○	{ 14 2 13	13 28 4
	SEPT. .	{ 30 18 9	30 16 22		JULY .	{ 28 20 35	28 19 31
	OCT. .	29 6 53	29 1 40		AUG. .	27 9 19	27 11 48
	NOV. .	28 19 37	28 12 7		SEPT. .	25 22 3	26 3 34
	DEC. .	27 8 21	27 0 2		OCT. .	25 10 47	25 18 19
		26 21 5	26 13 25		NOV. .	23 23 31	24 7 44
					DEC. .	23 12 15	23 19 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 614. G. March. d. h. m. 28 9 49		d. h. m.	d. h. m.	B.C. 611. C. March. d. h. m. 28 8 16		d. h. m.	d. h. m.
	JAN. .	22 1 0	22 6 16		JAN. .	18 16 9	19 2 45
	FEB. .	20 13 44	20 15 37		FEB. .	17 4 53	17 18 31
	MAR. .	22 2 28	22 0 16		MAR. .	18 17 37	19 7 13
	APRIL	20 15 12	20 8 59		APRIL	17 6 21	17 17 3
	MAY .	20 3 56	19 18 40		MAY .	16 19 5	17 0 49
	JUNE .	18 16 40	18 6 12		JUNE .	15 7 49	15 7 37
	JULY .	18 5 24	17 20 3		JULY .	14 20 33	14 14 33
	AUG. .	16 18 8	16 12 7		AUG. .	13 9 17	12 22 42
	SEPT. .	15 6 52	15 5 39		SEPT. .	11 22 1	11 8 56
	OCT. .	14 19 36	14 23 34		OCT. .	11 10 45	10 21 52
	NOV. .	13 8 20	13 16 39		NOV. .	9 23 29	9 13 37
	○	28 2 42	27 17 15		DEC. .	9 12 13	9 7 37
	DEC. .	12 21 4	13 8 0				
613. F.E. 27 15 38	JAN. .	11 9 48	11 21 6	610. B. 28 9 5	JAN. .	8 0 58	8 2 42
	FEB. .	9 22 32	10 7 56		FEB. .	6 13 42	6 21 15
	MAR. .	10 11 16	10 16 52		MAR. .	8 2 26	8 13 56
	APRIL	9 0 0	9 0 33		○	22 20 48	22 16 31
	MAY .	8 12 44	8 7 53		APRIL	6 15 10	7 3 55
	○	23 7 6	23 15 47		MAY .	6 3 54	6 15 5
	JUNE .	7 1 28	6 15 55		JUNE .	4 16 38	5 0 0
	JULY .	6 14 12	6 1 44		JULY .	4 5 22	4 7 41
	AUG. .	5 2 56	4 14 11		AUG. .	2 18 6	2 15 10
	SEPT. .	3 15 40	3 5 32		SEPT. ○	1 6 50	31 23 28
	OCT. .	3 4 24	2 23 20		○	16 1 12	16 2 57
	NOV. .	1 17 8	1 18 26		○	30 19 34	30 9 20
	○	16 11 30	16 6 15		OCT. .	30 8 18	29 21 13
	DEC. .	1 5 52	1 13 17		NOV. .	28 21 2	28 11 21
	○	30 18 36	31 6 24		DEC. .	28 9 46	28 3 28
612. D. 27 21 27	JAN. .	29 7 21	29 20 52	609. A.G. 27 14 53	JAN. .	26 22 31	26 20 53
	FEB. .	27 20 5	28 8 26		FEB. .	25 11 15	25 14 35
	MAR. .	29 8 49	29 17 30		○	11 5 37	11 8 23
	APRIL	27 21 33	28 0 53		MAR. .	25 23 59	26 7 25
	○	12 15 55	12 17 50		APRIL	24 12 43	24 22 29
	MAY .	27 10 17	27 7 34		MAY .	24 1 27	24 11 18
	JUNE .	25 23 1	25 14 41		JUNE .	22 14 11	22 22 0
	JULY .	25 11 45	24 23 20		JULY .	22 2 55	22 7 16
	AUG. .	24 0 29	23 10 27		AUG. .	20 15 39	20 16 2
	SEPT. .	22 13 13	22 0 38		○	4 10 1	4 2 47
	OCT. .	22 1 57	21 17 45		SEPT. .	19 4 23	19 1 7
	○	5 20 19	5 22 1		OCT. .	18 17 7	18 11 6
	NOV. .	20 14 41	20 12 52		NOV. .	17 5 51	16 22 18
	DEC. .	20 3 25	20 8 26		DEC. .	16 18 35	16 10 52

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 608. F. March. <i>d. h. m.</i> 27 20 42		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 605. C.B. March. <i>d. h. m.</i> 27 14 9		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	15 7 19	15 0 45		JAN. .	12 22 29	13 5 30
	FEB. .	{ 13 20 3	13 15 47		FEB. .	11 11 13	11 15 15
	○	{ 28 14 25	{ 1 0 47		MAR. .	11 23 57	11 23 58
	MAR. .	15 8 47	{ 15 7 39		APRIL .	10 12 41	10 8 20
	APRIL .	13 21 31	13 23 44		MAY .	10 1 25	9 17 12
	MAY .	13 10 15	13 15 18		JUNE .	{ 8 14 9	8 3 36
	JUNE .	11 22 59	12 5 39		○	{ 23 8 31	23 15 11
	JULY .	11 11 43	11 18 30		JULY .	8 2 53	7 16 13
	AUG. .	{ 10 0 27	10 6 0		AUG. .	6 15 37	6 7 17
	○	{ 24 18 49	24 5 19		SEPT. .	5 4 21	5 0 22
	SEPT. .	8 13 11	8 16 39		OCT. .	4 17 5	4 18 28
	OCT. .	8 1 55	8 3 4		NOV. .	3 5 49	3 12 21
	NOV. .	6 14 39	6 13 37		DEC. .	{ 2 18 33	3 4 48
	DEC. .	6 3 23	6 0 30		○	{ 17 12 55	17 4 37
607. E. 28 2 31	JAN. .	4 16 8	4 11 46	604. A. 27 19 58	JAN. .	{ 1 7 18	1 19 7
	FEB. .	3 4 52	2 23 30		FEB. .	{ 30 20 2	31 7 0
	MAR. .	4 17 36	4 11 58		...	...	...
	APRIL .	3 6 20	3 1 26		MAR. .	{ 1 8 46	1 16 40
	MAY .	2 19 4	2 15 55		{ 30 21 30	31 0 48	
	JUNE .	{ 1 7 48	1 7 10		APRIL .	29 10 14	29 7 58
	{ 30 20 32	30 22 34			MAY .	28 22 58	28 15 23
	JULY .	30 9 16	30 13 23		JUNE .	27 11 42	27 0 8
	AUG. .	28 22 0	29 3 30		JULY .	27 0 26	26 11 12
	SEPT. .	27 10 44	27 16 32		AUG. .	25 13 10	25 1 9
	OCT. .	26 23 28	27 4 45		SEPT. .	24 1 54	23 17 57
	NOV. .	25 12 12	25 16 15		OCT. .	23 14 38	23 12 43
	DEC. .	25 0 56	25 3 7		NOV. .	22 3 22	22 3 2
	○	{ 8 19 18	9 0 21		DEC. .	21 16 6	22 2 13
606. D. 28 8 20	JAN. .	{ 23 13 41	23 13 26	603. G. 28 1 46	JAN. .	20 4 51	20 18 5
	FEB. .	22 2 25	21 23 25		FEB. .	18 17 35	19 7 1
	MAR. .	23 15 9	23 9 33		MAR. .	20 6 19	20 17 8
	APRIL .	22 3 53	21 20 32		APRIL .	18 19 3	19 1 9
	MAY .	21 16 37	21 8 58		MAY .	18 7 47	18 7 59
	JUNE .	20 5 21	19 23 9		JUNE .	16 20 31	16 14 43
	○	{ 4 23 43	4 23 19		JULY .	16 9 15	15 22 30
	JULY .	{ 19 18 5	19 14 47		AUG. .	14 21 59	14 8 20
	AUG. .	18 6 49	18 7 11		SEPT. .	13 10 43	12 21 2
	SEPT. .	16 19 33	16 23 36		OCT. .	{ 12 23 27	12 12 49
	OCT. .	16 8 17	16 15 12		○	{ 27 17 49	27 20 57
	NOV. .	14 21 1	15 5 31		NOV. .	11 12 11	11 7 9
	DEC. .	{ 14 9 45	14 18 18		DEC. .	11 0 55	11 2 40
	○	{ 29 4 7	28 23 54				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 602. F. March. <i>d. h. m.</i> 28 7 35		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 599. B. March. <i>d. h. m.</i> 28 1 2		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	9 13 39	9 21 46		JAN. .	6 4 49	5 21 51
	FEB. .	8 2 23	8 14 52		FEB. .	4 17 33	4 12 4
	MAR. .	9 15 7	10 5 2		○	19 11 55	19 23 53
	APRIL	8 3 51	8 16 10		MAR. .	6 6 17	6 3 17
	○	22 22 13	22 15 45		APRIL	4 19 1	4 19 6
	MAY .	7 16 35	8 0 49		MAY .	4 7 45	4 10 52
	JUNE .	6 5 19	6 7 59		JUNE .	2 20 29	3 1 56
	JULY .	5 18 3	5 14 47		JULY .	2 9 13	2 15 41
	AUG. .	4 6 47	3 22 20		○	31 21 57	1 4 4
	SEPT. .	2 19 31	2 7 32		○	15 16 19	15 2 25
		2 8 15	1 19 9		AUG. .	30 10 41	30 15 22
	OCT. ○	17 2 37	17 9 34		SEPT. .	28 23 25	29 2 6
		31 20 59	31 9 33		OCT. .	28 12 9	28 12 43
	NOV. .	30 9 43	30 2 29		NOV. .	27 0 53	26 23 30
	DEC. .	29 22 27	29 21 4		DEC. .	26 13 37	26 10 29
601. E.D. 27 13 24	JAN. .	28 11 11	28 15 54	598. A. 23 6 50	JAN. .	25 2 22	24 21 46
	FEB. .	26 23 56	27 9 33		○	8 20 44	9 10 24
	MAR. .	27 12 40	28 0 50		FEB. .	23 15 6	23 9 33
	○	11 7 2	11 1 1		MAR. .	25 3 50	24 22 11
	APRIL	26 1 24	26 13 22		APRIL	23 16 34	23 11 55
	MAY .	25 14 8	25 23 21		MAY .	23 5 13	23 2 43
	JUNE .	24 2 52	24 7 33		JUNE .	21 18 2	21 18 8
	JULY .	23 15 36	23 15 15		JULY .	21 6 46	21 9 31
	AUG. .	22 4 20	21 23 13		○	5 1 8	4 14 20
	SEPT. .	20 17 4	20 8 22		AUG. .	19 19 30	20 0 17
	○	5 11 26	5 15 24		SEPT. .	18 8 14	18 14 8
	OCT. .	20 5 48	19 19 19		OCT. .	17 20 58	18 3 0
	NOV. .	18 18 32	18 8 19		NOV. .	16 9 42	16 15 1
	DEC. .	18 7 16	17 23 21		DEC. .	15 22 26	16 2 14
600. C. 27 19 13	JAN. .	16 20 0	16 15 59	597. G.F. 27 12 39	JAN. .	14 11 10	14 12 42
	FEB. .	15 8 44	15 9 26		○	29 5 32	29 13 26
	MAR. .	16 21 28	17 2 38		FEB. .	12 23 54	12 22 36
	APRIL	15 10 12	15 18 34		MAR. .	13 12 38	13 8 19
	MAY .	14 22 56	15 8 33		APRIL	12 1 22	11 18 30
	JUNE .	13 11 40	13 20 22		MAY .	11 14 6	11 5 56
	JULY .	13 0 24	13 6 27		JUNE .	10 2 50	9 19 8
	AUG. .	11 13 8	11 15 34		JULY .	9 15 34	9 10 5
	SEPT. .	10 1 52	10 0 38		○	24 9 56	24 6 46
	OCT. .	9 14 36	9 10 18		AUG. .	8 4 18	8 2 22
	NOV. .	8 3 20	7 20 57		SEPT. .	6 17 2	6 19 8
	DEC. .	7 16 4	7 8 48		OCT. .	6 5 46	6 11 31
					NOV. .	4 18 30	5 2 46
					DEC. .	4 7 14	4 16 28

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 596. E. March. d. h. m. 27 18 28		d. h. m.	d. h. m.	B.C. 593. B.A. March. d. h. m. 27 11 55		d. h. m.	d. h. m.
	JAN. .	2 19 59	8 4 28		JAN. .	29 23 58	30 10 30
	FEB. .	1 8 48	1 14 48		FEB. .	28 12 37	29 2 6
	MAR. .	2 21 27	2 23 47		MAR. .	29 1 21	29 14 40
	APRIL.	{ 1 10 11	1 8 0		APRIL.	27 14 5	28 0 25
		{ 80 22 55	80 16 17		MAY .	27 2 49	27 8 13
	MAY .	80 11 39	80 1 40		JUNE .	25 15 33	25 15 7
	JUNE .	29 0 23	28 13 8		JULY .	25 4 17	24 22 17
	JULY .	28 18 7	28 2 55		AUG. .	23 17 1	23 6 40
	AUG. .	27 1 51	26 19 12		SEPT. .	22 5 45	21 17 8
	SEPT. .	25 14 35	25 18 8		OCT. .	21 18 20	21 6 10
	OCT. .	25 8 19	25 7 80		NOV. .	20 7 13	19 21 53
	NOV. .	23 16 8	24 0 58		DEC. .	19 19 57	19 15 30
	○	{ 8 10 25	8 1 53				
	DEC. .	{ 28 4 47	28 16 80	592. G. 27 17 43	JAN. .	18 8 41	18 10 23
595. D. 28 0 17	JAN. .	21 17 32	22 5 35		FEB. .	16 21 20	17 4 34
	FEB. .	20 6 16	20 16 11		MAR. .	18 10 10	18 21 5
	MAR. .	21 19 0	22 0 49		○	{ 2 4 32	2 4 1
	APRIL.	20 7 44	20 8 10		APRIL.	{ 16 22 54	17 10 54
	MAY .	19 20 28	19 15 15		MAY .	16 11 34	16 22 11
	○	{ 8 14 50	8 22 29		JUNE .	15 0 22	15 7 17
	JUNE .	{ 18 9 12	17 28 10		JULY .	14 13 6	14 15 15
	JULY .	17 21 56	17 8 56		AUG. .	13 1 50	12 23 6
	AUG. .	16 10 40	15 21 28		SEPT. .	{ 11 14 31	11 7 46
	SEPT. .	14 23 24	14 18 0		○	{ 26 8 50	26 10 21
	OCT. .	14 12 8	14 7 8		OCT. .	11 3 14	10 17 53
	NOV. .	{ 13 0 52	13 2 23		NOV. .	9 16 2	9 5 53
	○	{ 27 19 14	27 15 11		DEC. .	9 4 46	8 19 51
	DEC. .	12 18 36	12 21 24	591. F. 27 23 32	JAN. .	7 17 30	7 11 33
594. C. 23 6 6	JAN. .	11 2 20	11 14 38		FEB. .	6 6 14	6 4 27
	FEB. .	9 15 4	10 4 55		MAR. .	{ 7 18 58	7 21 40
	MAR. .	11 8 48	11 16 18		○	{ 22 13 20	22 16 16
	APRIL.	9 16 32	10 1 9		APRIL.	6 7 42	6 14 12
	MAY .	{ 9 5 16	9 8 22		MAY .	5 20 20	6 5 11
	○	{ 23 23 38	24 0 16		JUNE .	4 9 10	4 18 8
	JUNE .	7 18 0	7 15 0		JULY .	3 21 54	4 5 10
	JULY .	7 6 44	6 22 9		AUG. .	{ 2 10 38	2 14 54
	AUG. .	5 19 23	5 6 54		○	{ 31 23 22	1 0 34
	SEPT. .	4 8 12	3 18 11		SEPT. .	{ 15 17 44	15 10 9
	OCT. .	3 20 56	3 8 31		○	{ 30 12 6	30 9 30
	NOV. .	{ 2 9 40	2 1 43		OCT. .	30 0 50	29 19 54
	○	{ 17 4 2	17 6 56		NOV. .	28 13 34	28 7 10
	DEC. .	{ 1 22 24	1 20 49		DEC. .	28 2 18	27 19 24
		{ 31 11 8	31 16 18				

JANUARIAN CIVIL TIME.

Mean Vernal Equinox	Month	Mean New Moon (Full Mol.)	True New Moon (Full Mol.)	Mean Vernal Equinox	Month	Mean New Moon (Full Mol.)	True New Moon (Full Mol.)
580 B.C. March d. A. m. 29 5 21	Jan.	20 15 8	20 0 53	587. A. March. d. A. m. 27 23 47	Jan.	18 11 50	18 7 49
	Feb.	25 0 47	24 23 19		Feb.	21 18 57	21 23 35
	Mar.	11 22 0	12 0 46		Mar.	28 7 41	28 7 53
	April.	26 16 31	26 14 37		April.	21 20 25	21 15 48
	May.	24 17 50	24 21 47		May.	21 0 0	21 0 21
	June.	23 6 43	23 12 19		June.	19 21 53	19 10 32
	July.	22 19 27	23 1 37		July.	14 16 15	14 22 29
	Aug.	21 6 11	21 13 40		Aug.	19 10 37	18 23 7
	Sept.	5 2 33	4 12 54		Sept.	17 23 21	17 14 20
	Oct.	19 20 55	20 0 54		Oct.	16 12 5	16 7 44
	Nov.	19 9 39	19 11 45		Nov.	16 0 49	16 2 16
	Dec.	17 22 23	17 22 31		Dec.	14 13 33	14 20 30
		17 11 7	17 9 26			14 2 17	14 13 13
589 P.R. 27 11 19	Jan.	15 23 52	15 20 25	596. P.R. 29 4 26	Jan.	12 15 1	12 8 34
	Feb.	14 12 30	14 7 39		Feb.	11 3 45	11 15 18
	Mar.	15 1 29	14 19 29		Mar.	12 16 29	12 0 42
	April.	13 14 4	13 9 23		April.	11 5 13	11 8 25
	May.	13 2 49	12 22 39		May.	10 17 57	10 15 23
	June.	11 15 32	11 13 37		June.	9 0 41	8 22 41
	July.	11 4 19	11 5 12		July.	21 1 3	21 8 19
	Aug.	9 17 0	9 27 33		Aug.	8 10 25	8 7 23
	Sept.	8 5 44	8 11 11		Sept.	7 8 9	6 18 20
	Oct.	7 18 29	8 0 51		Oct.	5 20 53	5 8 35
	Nov.	6 7 12	6 13 19		Nov.	5 0 37	5 1 36
	Dec.	5 19 56	6 1 12		Dec.	3 23 21	3 30 35
598. P.R. 27 16 59	Jan.	4 8 40	4 11 50	595. P.R. 27 10 25	Jan.	1 23 50	2 10 19
	Feb.	19 8 2	19 8 8		Feb.	31 12 34	...
	Mar.	2 21 24	2 21 57		Mar.	...	1 9 8
	April.	4 10 8	4 7 30		April.	1 1 18	1 14 54
	May.	2 22 52	2 17 2		May.	30 14 2	31 0 49
	June.	1 0 20	31 15 19		June.	29 2 46	29 8 40
	July.	30 18 4	30 5 42		July.	29 15 30	29 15 25
	Aug.	15 7 20	15 6 56		Aug.	27 4 14	26 22 11
	Sept.	30 1 48	30 21 30		Sept.	26 16 58	26 8 5
	Oct.	28 14 32	28 14 30		Oct.	25 5 42	24 18 4
	Nov.	27 8 16	27 7 19		Nov.	23 18 26	23 4 53
	Dec.	26 16 0	26 23 34		Dec.	23 7 10	22 30 49
		25 4 44	25 14 9			7 1 32	7 5 47
		24 17 28	25 8 8			21 10 54	21 15 7
						21 8 38	21 10 35

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 584. D. March. d. h. m. 27 16 14		d. h. m.	d. h. m.	B.C. 581. A.G. March. d. h. m. 27 9 40		d. h. m.	d. h. m.
	JAN. .	19 21 23	20 5 32		JAN. .	17 12 33	17 6 13
	FEB. .	18 10 7	18 22 28		FEB. .	16 1 17	15 19 51
	MAR. .	19 22 51	20 12 29		○	1 19 39	2 7 56
	APRIL	18 11 35	18 23 31		MAR. .	16 14 1	16 10 29
	○	3 5 57	2 22 36		APRIL	15 2 45	15 1 49
	MAY .	18 0 19	18 8 9		MAY .	14 15 29	14 17 22
	JUNE .	16 13 3	16 15 26		JUNE .	13 4 13	13 8 29
	JULY .	16 1 47	15 22 27		JULY .	12 16 57	12 22 35
	AUG. .	14 14 31	14 6 14		AUG. .	11 5 41	11 11 30
	SEPT. .	13 3 15	12 15 42		○	26 0 3	25 10 0
	OCT. .	12 15 59	12 3 30		SEPT. .	9 18 25	9 23 24
	○	27 10 21	27 18 0		OCT. .	9 7 9	9 10 38
	NOV. .	11 4 43	10 17 54		NOV. .	7 19 53	7 21 38
	DEC. .	10 17 27	10 10 40		DEC. .	7 8 37	7 8 29
583. C. 27 22 3	JAN. .	9 6 11	9 4 54	580. F. 27 15 29	JAN. .	5 21 21	5 19 16
	FEB. .	7 18 55	7 23 22		FEB. .	4 10 5	4 6 6
	MAR. .	9 7 39	9 16 42		○	19 4 27	19 18 7
	APRIL	7 20 23	8 7 50		MAR. .	5 22 49	5 17 18
	○	22 14 45	22 8 22		APRIL	4 11 33	4 5 20
	MAY .	7 9 7	7 20 22		MAY .	4 0 17	3 18 36
	JUNE .	5 21 51	6 6 30		JUNE .	2 13 1	2 9 10
	JULY .	5 10 35	5 15 4		JULY .	2 1 45	2 0 38
	AUG. .	3 23 19	3 23 2		○	31 14 29	31 16 22
	SEPT. .	2 12 3	2 7 24		○	15 8 51	15 2 22
	○	2 0 47	1 16 52		AUG. .	30 3 13	30 7 43
	OCT. ○	16 19 9	16 23 17		SEPT. .	23 15 57	23 22 11
		31 13 31	31 3 59		OCT. .	23 4 41	23 11 35
	NOV. .	30 2 15	29 16 56		NOV. .	26 17 25	26 23 53
	DEC. .	29 14 59	29 7 33		DEC. .	26 6 9	26 11 7
582. B. 23 3 52	JAN. .	28 3 44	27 23 43	579. E. 27 21 18	JAN. .	24 13 54	24 21 22
	FEB. .	26 16 28	26 16 43		○	8 13 16	8 20 56
	MAR. .	28 5 12	28 9 31		FEB. .	23 7 38	23 6 49
	APRIL	26 17 56	27 1 16		MAR. .	24 20 22	24 16 1
	MAY .	26 6 40	26 15 16		APRIL	23 9 6	23 1 44
	JUNE .	24 19 24	25 3 22		MAY .	22 21 50	22 12 46
	JULY .	24 8 8	24 13 52		JUNE .	21 10 31	21 1 46
	AUG. .	22 20 52	22 23 31		JULY .	20 23 18	20 16 47
	SEPT. .	21 9 36	21 9 2		○	4 17 40	4 14 36
	OCT. .	20 22 20	20 19 3		AUG. .	19 12 2	19 9 22
	NOV. .	19 11 4	19 5 52		SEPT. .	18 0 46	18 2 39
	DEC. .	18 23 43	18 17 35		OCT. .	17 13 30	17 19 34
					NOV. .	16 2 14	16 11 17
					DEC. .	15 14 53	16 1 12

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 578. D. March. d. h. m. 28 3 7		d. h. m.	d. h. m.	B.C. 575. G. March. d. h. m. 27 20 33		d. h. m.	d. h. m.
	JAN. .	14 3 42	14 13 9		JAN. .	10 18 53	11 0 7
	FEB. .	12 16 26	12 23 12		FEB. .	9 7 37	9 18 6
	MAR. .	14 5 10	14 7 48		MAR. .	10 20 21	11 9 34
	APRIL	12 17 54	12 15 37		APRIL	9 9 5	9 21 59
	MAY .	12 6 38	11 23 34		MAY .	8 21 49	9 7 43
	JUNE .	10 19 22	10 8 42		JUNE .	7 10 33	7 15 36
	JULY .	10 8 6	9 19 58		JULY .	6 23 17	6 22 41
	AUG. .	8 20 50	8 9 54		AUG. .	5 12 1	5 6 7
	SEPT. .	7 9 34	7 2 27		SEPT. .	4 0 45	3 14 47
	OCT. .	6 22 18	6 20 45		OCT. .	3 13 29	3 1 23
	NOV. .	5 11 2	5 15 30		NOV. .	2 2 13	1 14 37
	DEC. .	4 23 46	5 9 15		DEC. .	1 14 57	1 6 11
	○	19 18 8	19 10 31			31 3 41	30 23 39
577. C.B. 27 8 56	JAN. .	3 12 31	4 0 56	574. F. 28 2 22	JAN. .	29 16 25	29 17 58
	FEB. .	2 1 15	2 13 54		FEB. .	28 5 9	28 11 52
	MAR. .	2 13 59	3 0 16		MAR. .	29 17 53	30 4 4
	APRIL	1 2 43	1 8 35		○	13 12 15	13 7 45
		30 15 27	30 15 43		APRIL	28 6 37	28 17 53
	MAY .	30 4 11	29 22 37		MAY .	27 19 21	28 5 13
	○	13 22 33	14 5 9		JUNE .	26 8 5	26 14 34
	JUNE .	28 16 55	28 6 27		JULY .	25 20 49	25 22 54
	JULY .	28 5 39	27 16 15		AUG. .	24 9 33	24 7 9
	AUG. .	26 18 23	26 4 44		SEPT. .	22 22 17	22 16 11
	SEPT. .	25 7 7	24 20 36		○	7 16 39	7 13 13
	OCT. .	24 19 51	24 14 51		OCT. .	22 11 1	22 2 35
	NOV. .	23 8 35	23 10 21		NOV. .	20 23 45	20 14 36
	○	8 2 57	8 0 7		DEC. .	20 12 29	20 4 19
	DEC. .	22 21 19	23 5 26				
576. A. 27 14 45	JAN. .	21 10 4	21 22 34	573. E.D. 27 8 11	JAN. .	19 1 14	18 19 36
	FEB. .	19 22 43	20 12 49		FEB. .	17 13 53	17 11 56
	MAR. .	21 11 32	22 0 1		MAR. .	18 2 42	18 4 39
	APRIL	20 0 16	20 8 43		○	1 21 4	2 0 6
	MAY .	19 13 0	19 15 49		APRIL	16 15 26	16 20 53
	○	3 7 22	3 6 42		MAY .	16 4 10	16 11 49
	JUNE .	18 1 44	17 22 23		JUNE .	14 16 54	15 0 53
	JULY .	17 14 23	17 5 44		JULY .	14 5 33	14 12 24
	AUG. .	16 3 12	15 14 39		AUG. .	12 18 22	12 22 37
	SEPT. .	14 15 56	14 2 7		SEPT. .	11 7 6	11 8 23
	OCT. .	14 4 40	13 16 33		○	26 1 28	25 17 41
	NOV. .	12 17 24	12 9 46		OCT. .	10 19 50	10 13 13
	○	27 11 46	27 15 52		NOV. .	9 8 34	9 4 50
	DEC. .	12 6 8	12 4 43		DEC. .	8 21 18	8 16 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.O. 572. c. March. d. h. m. 27 14 0		d. h. m.	d. h. m.	B.C. 569. G.F. March. d. h. m. 27 7 26		d. h. m.	d. h. m.
	JAN. .	7 10 2	7 4 3		JAN. .	{ 5 1 12	5 11 45
	FEB. .	5 22 46	5 16 54		○	{ 19 19 34	19 15 42
	MAR. .	{ 7 11 30	7 6 43		FEB. .	3 13 56	3 22 36
	○	{ 22 5 52	22 16 34		MAR. .	4 2 40	4 7 43
	APRIL	6 0 14	5 21 29		APRIL	2 15 24	2 15 38
	MAY .	5 12 58	5 12 51		MAY .	{ 2 4 8	1 23 13
	JUNE .	4 1 42	4 4 14			{ 31 16 52	31 7 30
	JULY .	3 14 26	3 19 1		JUNE .	30 5 36	29 17 32
	AUG. .	{ 2 3 10	2 8 47		○	{ 14 23 58	15 5 53
		{ 31 15 54	31 21 26		JULY .	{ 29 18 20	29 6 8
	○	{ 15 10 16	14 20 39		AUG. .	28 7 4	27 21 31
	SEPT. .	{ 30 4 38	30 9 15		SEPT. .	26 19 48	26 15 13
	OCT. .	29 17 22	29 20 32		OCT. .	26 8 32	26 10 5
	NOV. .	28 6 6	28 7 32		NOV. .	24 21 16	25 4 40
	DEC. .	27 18 50	27 18 19		DEC. .	24 10 0	24 21 34
571. B. 27 19 49	JAN. .	26 7 35	26 4 56	568. E. 27 13 15	○	{ 8 4 23	7 21 31
	FEB. .	24 20 19	24 15 37		JAN. .	{ 22 22 45	23 11 54
	MAR. .	26 9 3	26 2 52		FEB. .	21 11 29	21 23 27
	APRIL	24 21 47	24 15 15		MAR. .	23 0 13	23 8 34
	MAY .	24 10 31	24 5 1		APRIL	21 12 57	21 16 3
	JUNE .	22 23 15	22 20 4		MAY .	21 1 41	20 22 50
	JULY .	22 11 59	22 11 54		JUNE .	{ 19 14 25	19 6 2
	AUG. .	21 0 43	21 3 45		○	{ 4 8 47	4 15 12
	SEPT. .	19 13 27	19 18 59		JULY .	19 3 9	18 14 45
	OCT. .	19 2 11	19 9 13		AUG. .	17 15 53	17 1 57
	NOV. .	17 14 55	17 22 16		SEPT. .	16 4 37	15 16 12
	DEC. .	17 3 39	17 10 5		OCT. .	15 17 21	15 9 23
570. A. 23 1 38	JAN. .	{ 15 16 24	15 20 44	567. D. 27 19 4	JAN. .	12 7 34	12 18 19
	○	{ 30 10 46	30 15 38		FEB. .	10 20 18	11 10 1
	FEB. .	14 5 8	14 6 20		MAR. .	12 9 2	12 22 33
	MAR. .	15 17 52	15 15 21		APRIL	10 21 46	11 8 24
	APRIL	14 6 36	14 0 27		MAY .	10 10 30	10 16 7
	MAY .	13 19 20	13 10 31		JUNE .	8 23 14	8 22 53
	JUNE .	12 8 4	11 22 23		JULY .	8 11 58	8 5 44
	JULY .	{ 11 20 48	11 12 23		AUG. .	7 0 42	6 13 47
	○	{ 26 15 10	26 14 39		SEPT. .	5 13 26	5 0 0
	AUG. .	10 9 32	10 4 23		OCT. .	5 2 10	4 13 1
	SEPT. .	8 22 16	8 21 39		NOV. .	{ 3 14 54	3 4 55
	OCT. .	8 11 0	8 15 8		○	{ 18 9 16	18 14 39
	NOV. .	6 23 44	7 7 46		DEC. .	3 3 38	2 23 10
	DEC. .	6 12 23	6 22 47				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 566. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 563. F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March.	JAN. .	{ 1 16 22	1 18 26	March.	JAN. .	27 20 16	27 14 29
<i>d. h. m.</i>	FEB. .	{ 31 5 6	31 13 10	<i>d. h. m.</i>	FEB. .	26 9 0	26 3 31
28 0 53	MAR. .	...	...	27 18 19	O	{ 13 3 22	13 15 46
	APRIL	{ 1 17 50	2 5 52		MAR. .	{ 27 21 44	27 17 31
	O	{ 31 6 34	31 19 45		APRIL	26 10 28	26 8 25
	MAY .	29 19 18	30 6 45		MAY .	25 23 12	25 23 47
	JUNE .	{ 14 13 40	14 5 25		JUNE .	24 11 56	24 15 2
	JULY .	{ 29 8 2	29 15 27		JULY .	24 0 40	24 5 33
	AUG. .	27 20 46	27 22 54		AUG. .	22 13 24	22 19 2
	SEPT. .	27 9 30	27 6 9		O	{ 6 7 46	5 18 0
	OCT. .	25 22 14	25 14 16		SEPT. .	{ 21 2 8	21 7 32
	NOV. .	24 10 58	24 0 1		OCT. .	20 14 52	20 19 17
	DEC. .	23 23 42	23 11 58		NOV. .	19 3 36	19 6 34
		{ 7 18 4	8 2 28		DEC. .	18 16 20	18 17 26
		{ 22 12 26	22 2 18				
		22 1 10	21 18 47				
565. B.A.	JAN. .	20 13 55	20 12 40	562. E.	JAN. .	17 5 5	17 3 58
27 6 42	FEB. .	19 2 39	19 6 42	28 0 8	FEB. .	15 17 49	15 14 20
	MAR. .	19 15 23	19 23 43		O	{ 2 12 11	3 1 42
	APRIL	18 4 7	18 14 44		MAR. .	{ 17 6 33	17 0 57
	O	{ 2 22 29	2 15 41		APRIL	15 19 17	15 12 26
	MAY .	{ 17 16 51	18 3 19		MAY .	15 8 1	15 1 17
	JUNE .	16 5 35	16 13 40		JUNE .	13 20 45	13 15 40
	JULY .	15 18 19	15 22 33		JULY .	13 9 29	13 7 15
	AUG. .	14 7 3	14 6 56		AUG. .	{ 11 22 13	11 23 32
	SEPT. .	12 19 47	12 15 43		O	{ 26 16 35	26 10 26
	OCT. .	{ 12 8 31	12 1 32		SEPT. .	10 10 57	10 15 16
	O	{ 27 2 53	27 7 16		OCT. .	9 23 41	10 6 20
	NOV. .	10 21 15	10 12 46		NOV. .	8 12 25	8 20 14
	DEC. .	10 9 59	10 1 35		DEC. .	8 1 9	8 8 46
564. G.	JAN. .	8 22 44	8 15 55	561. D.C	JAN. .	6 13 54	6 20 0
27 12 31	FEB. .	7 11 28	7 7 30	27 5 57	FEB. .	{ 5 2 38	5 5 53
	MAR. .	9 0 12	8 23 51		O	{ 19 21 0	20 4 19
	APRIL	7 12 56	7 16 15		MAR. .	5 15 22	5 14 55
	MAY .	7 1 40	7 7 50		APRIL	4 4 6	3 23 38
	JUNE .	5 14 24	5 21 58		MAY .	3 16 50	3 8 54
	JULY .	5 3 8	5 10 24		JUNE .	2 5 34	1 19 37
	AUG. .	3 15 52	3 21 23		JULY .	{ 1 18 18	1 8 29
	SEPT. .	2 4 36	2 7 34		O	{ 31 7 2	30 23 36
	OCT. .	{ 1 17 20	1 17 35		AUG. .	{ 15 1 24	14 22 33
	NOV. .	{ 31 6 4	31 3 55		SEPT. .	29 19 46	29 16 30
	DEC. .	29 18 48	29 14 50		OCT. .	28 8 30	28 10 15
		29 7 32	29 2 19		NOV. .	27 21 14	28 8 41
					DEC. .	26 9 58	26 19 47
						25 22 42	26 9 51

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1019.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1022.		<i>d. h. m.</i>	<i>d. h. m.</i>
<i>D.</i>	JAN. .	9 0 48	9 1 8	<i>G.</i>	JAN. .	5 15 58	5 11 1
<i>March.</i>	FEB. .	7 13 32	7 20 9	<i>March.</i>	FEB. .	4 4 42	3 23 0
<i>d. h. m.</i>	MAR. .	{ 9 2 16	9 13 30	<i>d. h. m.</i>	MAR. .	5 17 26	5 11 46
15 17 54	○	{ 23 20 38	23 17 0	15 11 21	APRIL	4 6 10	4 1 31
	APRIL	7 15 0	8 4 11		MAY .	3 18 54	3 16 13
	MAY .	7 3 44	7 15 54		JUNE .	2 7 38	2 7 31
	JUNE .	5 16 28	6 1 8		JULY ○	{ 1 20 22	1 22 51
	JULY .	5 5 12	5 8 48			{ 16 14 44	16 7 19
	AUG. .	3 17 56	3 16 0			{ 31 9 6	31 13 36
	SEPT. .	{ 2 6 40	1 23 48		AUG. .	29 21 50	30 3 22
	○	{ 17 1 2	17 2 11		SEPT. .	28 10 34	28 16 5
	OCT. .	{ 1 19 24	1 9 2		OCT. .	27 23 18	28 4 1
		{ 31 8 8	30 20 21		NOV. .	26 12 2	26 15 24
	NOV. .	29 20 52	29 10 5		DEC. .	26 0 46	26 2 23
	DEC. .	29 9 36	29 2 3		○	{ 9 19 8	9 22 48
1020.	JAN. .	27 22 20	27 19 38	1023.	JAN. .	{ 24 13 30	24 12 59
<i>C.B.</i>	FEB. .	26 11 4	26 18 45	<i>F.</i>	FEB. .	23 2 14	22 23 22
	○	{ 12 5 26	12 8 46	15 17 10	MAR. .	24 14 58	24 9 52
14 28 43	MAR. .	{ 26 23 48	27 7 11		APRIL	23 3 42	22 21 4
	APRIL	25 12 32	25 22 48		MAY .	22 16 26	22 9 31
	MAY .	25 1 16	25 12 0		JUNE .	21 5 10	20 23 30
	JUNE .	23 14 0	23 22 53		○	{ 5 23 32	6 0 23
	JULY .	23 2 44	23 8 5		JULY .	{ 20 17 54	20 14 50
	AUG. .	21 15 28	21 16 30		AUG. .	19 6 38	19 6 53
	○	{ 5 9 50	5 2 8		SEPT. .	17 19 22	17 22 55
	SEPT. .	{ 20 4 12	20 1 5		OCT. .	17 8 6	17 14 14
	OCT. .	19 16 56	19 10 35		NOV. .	15 20 50	16 4 27
	NOV. .	18 5 40	17 21 25		DEC. .	{ 15 9 34	15 17 21
	DEC. .	17 18 24	17 9 48		○	{ 30 3 56	29 22 21
1021.	JAN. .	16 7 9	15 23 46	1024.	JAN. .	13 22 19	14 4 55
<i>A.</i>	FEB. .	14 19 53	14 15 3	<i>E.D.</i>	FEB. .	12 11 3	12 15 10
	○	{ 1 14 15	2 0 54	14 22 59	MAR. .	12 23 47	13 0 22
15 5 32	MAR. .	{ 16 8 37	16 7 17		APRIL	11 12 31	11 9 4
	APRIL	14 21 21	14 23 45		MAY .	11 1 15	10 18 8
	MAY .	14 10 5	14 15 37		JUNE .	{ 9 13 59	9 4 24
	JUNE .	12 22 49	13 6 11		○	{ 24 8 21	24 16 11
	JULY .	12 11 33	12 19 3		JULY .	9 2 43	8 16 33
	AUG. .	{ 11 0 17	11 6 24		AUG. .	7 15 27	7 7 10
	○	{ 25 18 39	25 5 12		SEPT. .	6 4 11	5 23 42
	SEPT. .	9 18 1	9 16 42		OCT. .	5 16 55	5 17 20
	OCT. .	9 1 45	9 2 42		NOV. .	4 5 39	4 10 57
	NOV. .	7 14 29	7 12 55		DEC. .	{ 3 13 23	4 3 29
	DEC. .	7 3 13	6 23 40		○	{ 18 12 45	18 3 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1025. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1028. g.f. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 15 4 47	JAN. .	{ 2 7 8 31 19 52	{ 2 18 8 ...	14 22 14	JAN. .	29 11 1	29 14 37
	FEB. .	...	1 6 35		FEB. .	27 23 45	28 8 50
	MAR. .	{ 2 8 36 31 21 20	{ 2 16 53 1 1 27		MAR. .	28 12 30	29 0 51
	APRIL	{ 30 10 4 29 22 48	{ 30 9 1 29 16 33		○	{ 12 6 52 27 1 14	{ 12 1 42 27 13 59
	MAY .	29 22 48	29 16 33		APRIL	26 13 58	27 0 23
	JUNE .	28 11 32	28 1 3		MAY .	25 2 42	25 8 45
	JULY .	28 0 16	27 11 37		JUNE .	24 15 26	24 16 11
	AUG. .	26 13 0	26 0 53		JULY .	23 4 10	22 23 48
	SEPT. .	25 1 44	24 17 0		AUG. .	21 16 54	21 8 18
	OCT. .	24 14 28	24 11 15		○	{ 6 11 16 21 5 38	{ 6 14 21 20 18 39
	NOV. .	23 3 12	23 6 20		SEPT. .	19 18 22	19 7 12
	DEC. .	22 15 56	23 0 44		OCT. .	19 7 6	18 22 1
					NOV. .		
					DEC. .		
1026. B.	JAN. .	21 4 40	21 17 7	1029. E.	JAN. .	17 19 50	17 14 43
15 10 36	FEB. .	19 17 24	20 6 44	15 4 3	FEB. .	16 8 34	16 8 31
	MAR. .	21 6 8	21 17 33		MAR. .	17 21 18	18 2 18
	APRIL	19 18 52	20 2 6		APRIL	16 10 2	16 18 42
	○	{ 4 13 14 19 7 36	{ 4 13 32 19 9 13		MAY .	15 22 46	16 9 6
	MAY .	19 7 36	19 9 13		JUNE .	14 11 30	14 21 11
	JUNE .	17 20 20	17 15 56		JULY .	14 0 14	14 7 17
	JULY .	17 9 4	16 23 24		AUG. .	12 12 58	12 16 10
	AUG. .	15 21 48	15 8 40		SEPT. .	11 1 42	11 0 47
	SEPT. .	14 10 32	13 20 37		OCT. .	10 14 26	10 9 58
	OCT. .	{ 13 23 16 23 17 33	{ 13 11 41 28 20 17		NOV. .	9 3 10	8 20 12
	○	23 17 33	28 20 17		DEC. .	8 15 54	8 7 49
	NOV. .	12 12 0	12 5 29				
	DEC. .	12 0 44	12 0 54				
1027. A.	JAN. .	10 13 29	10 20 18	1030. D.	JAN. .	7 4 39	6 20 53
15 16 25	FEB. .	9 2 13	9 14 0	15 9 52	FEB. .	{ 5 17 23 20 11 45	{ 5 11 18 20 23 47
	MAR. .	10 14 57	11 4 55		○	7 6 7	7 2 50
	APRIL	{ 9 3 41 23 22 3	{ 9 16 44 23 16 10		MAR. .	5 18 51	5 19 1
	○	23 22 3	23 16 10		APRIL	5 7 35	5 11 7
	MAY .	8 16 25	9 1 53		MAY .	3 20 19	4 2 22
	JUNE .	7 5 9	7 9 16		JUNE .	3 9 3	3 16 13
	JULY .	6 17 53	6 15 59		JULY .	{ 1 21 47 16 16 9	{ 2 4 20 16 2 34
	AUG. .	5 6 37	4 23 6		AUG. ○	31 10 31	31 15 29
	SEPT. .	3 19 21	3 7 42		SEPT. .	29 23 15	30 1 50
	OCT. .	{ 3 8 5 18 2 27	{ 2 18 37 18 8 45		OCT. .	29 11 59	29 12 7
	○	18 2 27	18 8 45		NOV. .	28 0 43	27 22 42
	NOV. .	1 20 49	1 8 23		DEC. .	27 13 27	27 9 43
	DEC. .	{ 1 9 33 30 22 17	{ 1 0 55 30 19 26				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1031. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1034. F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 15 15 40	JAN. .	26 2 11	25 21 12	March. <i>d. h. m.</i> 15 9 7	JAN. .	22 17 21	23 4 55
	○	{ 9 20 33	10 9 41		FEB. .	21 6 5	21 16 9
	FEB. .	{ 24 14 55	24 9 18		MAR. .	22 18 49	23 1 22
	MAR. .	26 3 39	25 22 14		APRIL	21 7 33	21 9 10
	APRIL	24 16 23	24 12 11		MAY .	20 20 17	20 16 26
	MAY .	24 5 7	24 3 3		○	{ 4 14 39	4 23 12
	JUNE .	22 17 51	22 18 25		JUNE .	{ 19 9 1	19 0 13
	JULY .	22 6 35	22 9 39		JULY .	18 21 45	18 9 35
	○	{ 6 0 57	5 15 0		AUG. .	17 10 29	16 21 28
	AUG. .	{ 20 19 19	21 0 11		SEPT. .	15 23 13	15 12 16
	SEPT. .	19 8 3	19 13 43		OCT. .	15 11 57	15 5 41
	OCT. .	18 20 47	19 2 18		NOV. .	{ 14 0 41	14 0 42
	NOV. .	17 9 31	17 14 9		○	{ 23 19 3	23 14 20
	DEC. .	16 22 15	17 1 24		DEC. .	13 13 25	13 19 46
1032. H.A.	JAN. .	15 11 0	15 12 10	1035. R.	JAN. .	12 2 10	12 13 21
14 21 29	FEB. .	13 23 44	13 22 27	15 14 56	FEB. .	10 14 54	11 4 23
	MAR. .	14 12 28	14 8 34		MAR. .	12 3 38	12 16 29
	APRIL	13 1 12	12 19 3		APRIL	10 16 22	11 1 57
	MAY .	12 13 56	12 6 35		MAY .	{ 10 5 6	10 9 34
	JUNE .	11 2 40	10 19 38		○	{ 24 23 28	25 0 36
	JULY .	{ 10 15 24	10 10 18		JUNE .	8 17 50	8 16 17
	○	{ 25 9 46	25 7 43		JULY .	8 6 34	7 23 14
	AUG. .	9 4 8	9 2 11		AUG. .	6 19 18	6 7 28
	SEPT. .	7 16 52	7 18 33		SEPT. .	5 8 2	4 18 5
	OCT. .	7 5 36	7 10 36		OCT. .	4 20 46	4 7 39
	NOV. .	5 18 20	6 1 41		NOV. .	{ 3 9 30	3 0 15
	DEC. .	5 7 4	5 15 26		○	{ 18 3 52	18 6 9
1033. G.	JAN. .	3 19 49	4 3 44	1036. D.C.	JAN. .	{ 1 10 58	1 14 41
15 8 18	FEB. .	2 8 33	2 14 30	14 20 45	FEB. .	{ 30 23 42	31 9 22
	MAR. .	3 21 17	4 0 2		MAR. .	29 12 27	...
	APRIL	2 10 1	2 8 42		○	{ 30 1 11	30 15 0
	MAY .	{ 1 22 45	1 17 15		APRIL	23 13 55	29 1 20
	○	{ 31 11 29	31 2 35		MAY .	23 2 39	23 9 26
	JUNE .	{ 15 5 51	15 15 14		JUNE .	26 15 23	26 16 22
	JULY .	{ 80 0 13	29 18 39		JULY .	26 4 7	25 23 13
	AUG. .	29 12 57	29 3 1		AUG. .	24 16 51	24 7 4
	SEPT. .	28 1 41	27 13 43		SEPT. .	23 5 35	22 16 51
	OCT. .	26 14 25	26 12 7		OCT. .	22 13 19	22 5 14
	NOV. .	26 3 9	26 6 8		NOV. .	21 7 3	20 20 23
	○	{ 9 10 15	9 0 47		DEC. .	20 19 47	20 14 3
	DEC. .	{ 24 4 37	24 15 21				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1037.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1040.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March. <i>d. h. m.</i> 15 2 33	JAN. .	19 8 31	19 8 58	F.E. March. <i>d. h. m.</i> 14 20 0	JAN. .	16 28 41	16 19 45
	FEB. .	17 21 15	18 3 42		FEB. .	15 12 25	15 7 18
	MAR. .	19 9 59	19 20 49		MAR. .	16 1 9	15 19 29
	○	{ 3 4 21	3 0 49		APRIL	14 13 53	14 8 38
	APRIL	{ 17 22 43	18 11 20		MAY .	14 2 37	13 22 51
	MAY .	17 11 27	17 23 2		JUNE .	12 15 21	12 13 56
	JUNE .	16 0 11	16 8 22		JULY .	12 4 5	12 5 23
	JULY .	15 12 55	15 16 15		AUG. .	10 16 49	10 20 30
	AUG. .	14 1 39	13 23 45		SEPT. .	9 5 33	9 10 50
	SEPT. .	{ 12 14 23	12 7 53		OCT. .	8 18 17	9 0 11
	○	{ 27 8 45	27 9 32		NOV. .	7 7 1	7 12 38
	OCT. .	12 3 7	11 17 26		DEC. .	6 19 45	7 0 19
	NOV. .	10 15 51	10 4 56				
	DEC. .	10 4 35	9 18 36				
1038.				1041.			
A. 15 8 22	JAN. .	8 17 20	8 10 17	D. 15 1 49	JAN. .	{ 5 8 30	5 11 19
	FEB. .	7 6 4	7 3 26		○	{ 20 2 52	20 6 39
	MAR. .	{ 8 18 48	8 21 4		FEB. .	3 21 14	3 21 40
	○	{ 23 13 10	23 16 53		MAR. .	5 9 58	5 7 36
	APRIL	7 7 32	7 14 7		APRIL	3 22 42	3 17 34
	MAY .	6 20 16	7 5 34		MAY .	3 11 26	3 4 14
	JUNE .	5 9 0	5 18 51		JUNE .	2 0 10	1 16 16
	JULY .	4 21 44	5 5 59			{ 1 12 54	1 6 3
	AUG. .	3 10 28	3 15 33		JULY ○	{ 16 7 16	16 7 59
	SEPT. .	{ 1 23 12	2 0 25			{ 31 1 38	30 21 28
	○	{ 16 17 34	16 9 19		AUG. .	29 14 22	29 13 51
	OCT. .	{ 1 11 56	1 9 23		SEPT. .	28 3 6	28 6 25
		{ 31 0 40	30 19 18		OCT. .	27 15 50	27 22 21
	NOV. .	29 13 24	29 6 17		NOV. .	26 4 34	26 13 2
	DEC. .	29 2 8	28 18 31		DEC. .	25 17 18	26 2 10
1039.				1042.			
a. 15 14 11	JAN. .	27 14 53	27 8 4	C. 15 7 38	JAN. .	{ 9 11 41	9 6 27
	FEB. .	26 3 37	25 22 48			{ 24 6 3	24 13 41
	○	{ 12 21 59	13 9 4		FEB. .	22 18 47	22 23 39
	MAR. .	{ 27 16 21	27 14 26		MAR. .	24 7 31	24 8 23
	APRIL	26 5 5	26 6 28		APRIL	22 20 15	22 16 44
	MAY .	25 17 49	25 22 9		MAY .	22 8 59	22 1 22
	JUNE .	24 6 33	24 12 48		JUNE .	20 21 43	20 11 20
	JULY .	23 19 17	24 2 2		○	{ 5 16 5	5 23 17
	AUG. .	22 8 1	22 13 52		JULY .	{ 20 10 27	19 23 28
	○	{ 6 2 23	5 12 37		AUG. .	18 23 11	18 14 4
	SEPT. .	{ 20 20 45	21 0 45		SEPT. .	17 11 55	17 6 52
	OCT. .	20 9 29	20 11 15		OCT. .	17 0 39	17 0 55
	NOV. .	18 22 13	18 21 48		NOV. .	15 13 23	15 19 0
	DEC. .	18 10 57	18 8 38		DEC. .	{ 15 2 7	15 11 53
					○	{ 29 20 29	29 12 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1043.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1046.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March.	JAN. .	18 14 51	14 2 41	E. March.	JAN. .	10 6 1	10 3 26
<i>d. h. m.</i>	FEB. .	12 3 35	12 15 1	<i>d. h. m.</i>	FEB. .	8 18 45	8 22 16
15 18 36	MAR. .	13 16 19	14 1 4	15 6 53	MAR. .	10 7 29	10 16 11
	APRIL	12 5 3	12 9 19		APRIL	{ 8 20 13	9 7 59
	MAY .	11 17 47	11 16 35		○	{ 23 14 35	23 9 12
	JUNE .	10 6 31	9 23 51		MAY .	8 8 57	8 21 3
	JULY .	9 19 15	9 8 14		JUNE .	6 21 41	7 7 31
	AUG. .	8 7 59	7 18 46		JULY .	6 10 25	6 16 5
	SEPT. .	6 20 43	6 8 9		AUG. .	4 23 9	4 23 49
	OCT. .	6 9 27	6 0 28		SEPT. .	3 11 53	3 7 42
	NOV. .	4 22 11	4 18 58		OCT. .	{ 3 0 37	2 16 38
	DEC. .	4 10 55	4 14 19		○	{ 17 18 59	17 22 3
					NOV. .	1 13 21	{ 1 3 14
					DEC. .	{ 1 2 5	{ 30 15 48
1044.	JAN. .	2 23 40	3 8 55			{ 30 14 49	30 6 25
A.G.	FEB. .	1 12 24	2 1 19				
14 19 15	MAR. .	{ 2 1 8	2 14 48	1047.	JAN. .	29 3 34	28 22 43
	APRIL	{ 31 13 52	{ 1 1 26	D.	FEB. .	27 16 13	27 15 59
	○	{ 14 20 58	{ 30 9 45	15 12 42	MAR. .	29 5 2	29 9 15
	MAY .	{ 29 15 20	29 16 43		APRIL	27 17 46	28 1 23
	JUNE .	28 4 4	27 23 24		MAY .	27 6 30	27 15 52
	JULY .	27 16 48	27 6 52		JUNE .	25 19 14	26 4 8
	AUG. .	26 5 32	25 16 15		JULY .	25 7 53	25 14 34
	SEPT. .	24 18 16	24 4 22		AUG. .	23 20 42	23 23 54
	OCT. .	24 7 0	23 19 35		SEPT. .	22 9 26	22 9 0
	○	{ 8 1 22	8 5 0		OCT. .	21 22 10	21 18 35
	NOV. .	{ 22 19 44	22 13 27		NOV. .	20 10 54	20 5 4
	DEC. .	22 8 28	22 8 52		DEC. .	19 23 38	19 16 39
1045.	JAN. .	20 21 12	21 4 11	1048.	JAN. .	18 12 22	18 5 23
F.	FEB. .	19 9 56	19 21 45	C.B.	FEB. .	17 1 6	16 19 17
15 1 4	MAR. .	20 22 40	21 12 31		○	{ 2 19 28	3 7 58
	APRIL	19 11 24	20 0 12	14 18 31	MAR. .	{ 17 13 50	17 10 12
	○	{ 4 5 46	3 23 8		APRIL	16 2 34	16 1 50
	MAY .	{ 19 0 8	19 9 16		MAY .	15 15 18	15 17 39
	JUNE .	17 12 52	17 16 40		JUNE .	14 4 2	14 8 53
	JULY .	17 1 36	16 23 28		JULY .	13 16 46	13 22 58
	AUG. .	15 14 20	15 6 49		AUG. .	{ 12 5 30	12 11 43
	SEPT. .	14 8 4	13 15 40		○	{ 26 23 52	26 10 0
	OCT. .	{ 13 15 43	13 2 48		SEPT. .	10 18 14	10 23 15
	○	{ 28 10 10	28 17 1		OCT. .	10 6 58	10 10 11
	NOV. .	12 4 32	11 16 39		NOV. .	8 19 42	8 20 54
	DEC. .	11 17 16	11 9 6		DEC. .	8 8 26	8 7 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1049.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1052.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	6 21 11	6 18 36	E.D.	JAN. .	4 12 21	4 28 49
March.	FEB. .	5 9 55	5 5 44	March.	FEB. .	3 1 5	3 13 24
<i>d. h. m.</i>	O	20 4 17	20 17 35	<i>d. h. m.</i>	MAR. .	3 13 49	4 0 25
15 0 19	MAR. .	6 22 39	6 17 16	14 17 46	APRIL .	2 2 33	2 9 20
	APRIL .	5 11 23	5 5 35		MAY .	1 15 17	1 16 50
	MAY .	5 0 7	4 19 1		O	31 4 1	30 23 58
	JUNE .	3 12 51	3 9 34		JUNE .	14 22 23	15 5 41
	JULY .	3 1 35	3 0 54		JULY .	29 16 45	29 7 28
	AUG. O	1 14 19	1 16 24		AUG. .	29 5 29	28 16 48
		16 8 41	15 22 42		SEPT. .	27 18 13	27 4 45
		31 3 3	31 7 25		OCT. .	26 6 57	25 19 48
	SEPT. .	29 15 47	29 21 34		NOV. .	25 19 41	25 13 23
	OCT. .	29 4 31	29 10 44		O	24 8 25	24 8 36
	NOV. .	27 17 15	27 22 58		DEC. .	9 2 47	8 23 16
	DEC. .	27 5 59	27 10 21			23 21 9	21 8 52
1050.	JAN. .	25 18 44	25 20 57	1053.	JAN. .	22 9 53	22 21 29
G.	FEB. .	24 7 28	24 6 52	C.	FEB. .	20 22 37	21 12 26
15 6 8	MAR. .	25 20 12	25 16 29	14 23 35	MAR. .	22 11 22	23 0 23
	APRIL .	24 8 56	24 2 26		APRIL .	21 0 6	21 9 39
	MAY .	23 21 40	23 13 29		MAY .	20 12 50	20 17 5
	JUNE .	22 10 24	22 2 15		O	4 7 12	4 7 4
	JULY .	21 23 8	21 16 53		JUNE .	19 1 34	18 23 43
	O	5 17 30	5 15 24		JULY .	18 14 18	18 6 41
	AUG. .	20 11 52	20 9 0		AUG. .	17 3 2	16 15 4
	SEPT. .	19 0 36	19 1 50		SEPT. .	15 15 46	15 1 49
	OCT. .	18 13 20	18 13 27		OCT. .	15 4 30	14 15 33
	NOV. .	17 2 4	17 10 4		NOV. .	13 17 14	13 8 14
	DEC. .	16 14 43	17 0 9		O	23 11 36	23 15 1
1051.	JAN. .	15 3 32	15 12 30	1054.	DEC. .	13 5 58	13 8 5
F.	FEB. .	13 16 16	13 23 6	B.	JAN. .	11 18 42	11 22 36
15 11 57	MAR. .	15 5 0	15 8 15	15 5 24	FEB. .	10 7 26	10 17 3
	APRIL .	13 17 44	13 16 29		MAR. .	11 20 10	12 9 18
	MAY .	13 6 28	13 0 33		APRIL .	10 8 54	10 22 27
	JUNE .	11 19 12	11 9 33		MAY .	9 21 38	10 8 41
	O	26 13 34	26 22 19		JUNE .	8 10 22	8 16 48
	JULY .	11 7 56	10 20 32		JULY .	7 23 6	7 23 50
	AUG. .	9 20 40	9 9 53		AUG. .	6 11 50	6 6 53
	SEPT. .	8 9 24	8 1 46		SEPT. .	5 0 34	4 15 0
	OCT. .	7 22 8	7 19 31		OCT. .	4 13 18	4 1 2
	NOV. .	6 10 52	6 13 58		NOV. .	3 2 2	2 13 33
	DEC. .	5 23 36	6 7 47		DEC. .	2 14 46	2 4 44
	O	20 17 58	20 9 29			...	31 22 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1055. A. March. d. h. m. 15 11 12		d. h. m.	d. h. m.	A.D. 1058. D. March. d. h. m. 15 4 39		d. h. m.	d. h. m.
	JAN. .	{ 1 3 30 30 16 14	... 30 16 43		JAN. .	27 7 25	27 4 28
	FEB. .	...	...		FEB. .	25 20 9	25 15 31
	MAR. .	{ 1 4 59 30 17 43	1 11 7 31 3 58		MAR. .	27 8 53	27 3 7
	O	{ 14 12 5 29 6 27	14 8 32 29 18 22		APRIL	25 21 37	25 15 40
	APRIL				MAY .	25 10 21	25 5 28
	MAY .	28 19 11	29 6 6		JUNE .	23 23 5	23 20 23
	JUNE .	27 7 55	27 15 35		JULY .	23 11 49	23 11 58
	JULY .	26 20 39	26 23 46		AUG. .	22 0 33	22 3 30
	AUG. .	25 9 23	25 7 38		SEPT. .	20 13 17	20 18 25
	SEPT. .	23 22 7	23 16 9		OCT. .	20 2 1	20 8 23
	O	{ 8 16 29 23 10 51	8 17 2 23 2 0		NOV. .	18 14 45	18 21 19
	OCT. .				DEC. .	18 3 29	18 9 14
	NOV. .	21 23 35	21 13 36				
	DEC. .	21 12 19	21 3 9	1059. C.	JAN. .	{ 16 16 13 31 10 35	16 20 10 31 14 22
1056. G.F. 14 17 1	JAN. .	20 1 4	19 18 29		O		
	FEB. .	18 13 48	18 11 6	15 10 28	FEB. .	15 4 57	15 6 15
	MAR. .	19 2 32	19 4 15		MAR. .	16 17 41	16 15 42
	O	{ 2 20 54 17 15 16	3 0 53 17 20 56		APRIL	15 6 25	15 1 9
	APRIL				MAY .	14 19 9	14 11 18
	MAY .	17 4 0	17 12 15		JUNE .	13 7 53	12 23 0
	JUNE .	15 16 44	16 1 39		JULY .	{ 12 20 37 27 14 59	12 12 33 27 15 33
	JULY .	15 5 28	15 13 6		O		
	AUG. .	18 18 12	18 23 7		AUG. .	11 9 21	11 4 10
	SEPT. .	{ 12 6 56 27 1 18	12 8 28 26 16 41		SEPT. .	9 22 5	9 20 56
	O				OCT. .	9 10 49	9 14 2
	OCT. .	11 19 40	11 17 58		NOV. .	7 23 33	8 6 30
	NOV. .	10 8 24	10 4 7		DEC. .	7 12 17	7 21 37
	DEC. .	9 21 8	9 15 10	1060. B.A.	JAN. .	{ 6 1 2 20 19 24	6 10 56 20 14 29
1057. E. 14 22 50	JAN. .	8 9 52	8 3 13		O		
	FEB. .	6 22 36	6 16 17	14 16 17	FEB. .	4 13 46	4 22 20
	MAR. .	{ 8 11 20 23 5 42	8 6 25 23 17 2		MAR. .	5 2 30	5 7 59
	O				APRIL	3 15 14	3 16 24
	APRIL	7 0 4	6 21 29		MAY .	3 8 58	3 0 17
	MAY .	6 12 48	6 13 4		JUNE .	1 16 42	{ 1 8 33 30 18 18
	JUNE .	5 1 32	5 4 37		JULY O	{ 1 5 26 15 23 48 30 13 10	16 6 41 30 6 21
	JULY .	4 14 16	4 19 25		AUG. .	29 6 54	28 21 4
	AUG. .	3 8 0	3 9 2		SEPT. .	27 19 38	27 14 9
	SEPT. .	{ 1 15 44 16 10 6	1 21 25 15 20 12		OCT. .	27 8 22	27 8 37
	O				NOV. .	25 21 6	26 3 6
	OCT. .	{ 1 4 28 30 17 12	1 8 54 30 19 53		DEC. .	25 9 50	25 20 16
	NOV. .	29 5 56	29 6 44				
	DEC. .	28 18 40	28 17 34				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1061.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1064.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.	○	{ 9 4 13	8 20 34	D.C.	JAN. .	21 13 45	21 11 19
March.	JAN. .	{ 23 22 35	24 11 9	March.	FEB. .	20 2 29	20 5 47
<i>d. h. m.</i>	FEB. .	22 11 19	22 23 21	<i>d. h. m.</i>	MAR. .	20 15 13	20 23 22
14 22 5	MAR. .	24 0 3	24 9 8	14 15 31	APRIL	19 3 57	19 14 59
	APRIL	22 12 47	22 17 5	○	{ 3 22 19	3 16 38	
	MAY .	22 1 31	22 0 4	MAY .	{ 18 16 41	19 4 3	
	JUNE .	20 14 15	20 7 11	JUNE .	17 5 25	17 14 38	
	JULY .	20 2 59	19 15 30	JULY .	16 18 9	16 23 28	
	AUG. .	18 15 43	18 2 6	AUG. .	15 6 53	15 7 34	
	SEPT. .	17 4 27	16 15 36	SEPT. .	13 19 37	13 15 51	
	OCT. .	16 17 11	16 8 5	OCT. .	{ 13 8 21	13 1 8	
	NOV. .	15 5 55	15 2 49	○	{ 23 2 43	23 5 52	
	DEC. .	14 18 39	14 22 21	NOV. .	11 21 5	11 11 55	
				DEC. .	11 9 49	11 0 28	
1062.	JAN. .	13 7 23	13 16 59	1065.	JAN. .	9 22 33	9 14 48
F.	FEB. .	11 20 7	12 9 21	B.	FEB. .	8 11 17	8 6 36
15 3 54	MAR. .	13 8 51	13 22 42	14 21 20	MAR. .	10 0 1	9 23 19
	APRIL	11 21 35	12 9 7		APRIL	8 12 45	8 16 8
	MAY .	{ 11 10 19	11 17 16		MAY .	8 1 29	8 8 8
	○	{ 26 4 41	26 2 36		JUNE .	6 14 13	6 22 32
	JUNE .	9 23 3	10 0 9		JULY .	6 2 57	6 11 2
	JULY .	9 11 47	9 6 50		AUG. .	4 15 41	4 21 54
	AUG. .	8 0 31	7 14 26		SEPT. .	3 4 25	3 7 45
	SEPT. .	6 13 15	5 23 59		OCT. .	2 17 9	2 17 21
	OCT. .	6 1 59	5 12 15		NOV. .	{ 1 5 53	1 3 17
	NOV. .	{ 4 14 43	4 3 34		{ 30 18 37	30 13 57	
	○	{ 19 9 5	19 13 48		DEC. .	30 7 21	30 1 28
	DEC. .	4 3 27	3 21 29				
1063.	JAN. .	2 16 12	2 16 50	1066.	JAN. .	23 20 6	23 13 51
E.	FEB. .	1 4 56	1 11 53	A.	FEB. .	27 8 50	27 8 10
15 9 43	MAR. .	2 17 40	3 5 20		○	{ 14 3 12	14 16 1
	APRIL	{ 1 6 24	1 19 57		MAR. .	{ 28 21 34	28 17 28
	○	{ 30 19 8	1 7 33		APRIL	27 10 18	27 8 38
	MAY .	{ 15 13 30	15 6 4	15 3 9	MAY .	26 23 2	27 0 8
	JUNE .	28 20 36	29 0 5		JUNE .	25 11 46	25 15 23
	JULY .	28 9 20	28 7 6		JULY .	25 0 30	25 5 48
	AUG. .	26 22 4	26 14 42		AUG. .	23 13 14	23 19 3
	SEPT. .	25 10 48	24 23 50		○	{ 7 7 36	6 17 37
	OCT. .	24 23 32	24 11 10		SEPT. .	{ 22 1 58	22 7 14
	○	{ 8 17 54	9 1 22		OCT. .	21 14 42	21 18 40
	NOV. .	{ 23 12 16	23 1 2		NOV. .	20 3 26	20 5 44
	DEC. .	23 1 0	22 17 20		DEC. .	19 16 10	19 16 39

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1067.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1070.		<i>d. h. m.</i>	<i>d. h. m.</i>
"	JAN. .	18 4 55	18 8 26	"	JAN. .	14 20 5	15 8 13
March.	FEB. .	16 17 39	16 14 10	g. March.	FEB. .	13 8 49	13 21 44
<i>d. h. m.</i>	○	{ 3 12 1	4 1 20	<i>d. h. m.</i>	MAR. .	14 21 33	15 8 34
15 8 15	MAR. .	18 6 23	18 1 8	15 2 24	APRIL	13 10 17	13 17 10
	APRIL	16 19 7	16 12 52		MAY .	12 23 1	13 0 24
	MAY .	16 7 51	16 1 48		JUNE .	{ 11 11 45	11 7 15
	JUNE .	14 20 35	14 16 3		○	{ 26 6 7	26 12 18
	JULY .	14 9 19	11 7 24		JULY .	11 0 29	10 14 49
	AUG. .	12 22 3	12 23 11		AUG. .	9 13 13	9 0 9
	○	{ 27 16 25	27 6 31		SEPT. .	8 1 57	7 12 11
	SEPT. .	11 10 47	11 14 45		OCT. .	7 14 41	7 8 21
	OCT. .	10 23 31	11 5 32		NOV. .	6 3 25	5 21 11
	NOV. .	9 12 15	9 19 15		DEC. .	{ 5 16 9	5 16 35
	DEC. .	9 0 59	9 7 49		○	{ 20 10 31	20 8 13
1068.	JAN. .	7 13 43	7 19 16	1071.	JAN. .	4 4 53	4 11 54
"	FEB. .	{ 6 2 27	6 5 39	"	FEB. .	2 17 37	3 5 30
14 14 47	○	{ 20 20 49	21 3 25	15 8 13	MAR. .	4 6 21	4 20 20
	MAR. .	6 15 11	6 15 10		APRIL	2 19 5	3 8 6
	APRIL	5 3 55	5 0 16		MAY .	{ 2 7 49	2 17 11
	MAY .	4 16 39	4 9 43		○	{ 31 20 33	1 0 31
	JUNE .	3 5 23	2 20 22		JUNE .	{ 15 14 55	15 13 29
	JULY .	2 18 7	{ 2 8 55		JULY .	{ 30 9 17	30 7 10
	○	{ 1 6 51	31 23 32		AUG. .	29 22 1	29 14 14
	AUG. .	16 1 13	15 23 10		SEPT. .	28 10 45	27 22 47
	○	{ 30 19 35	30 15 56		OCT. .	26 28 20	26 9 43
	SEPT. .	29 8 19	29 9 14		NOV. .	26 12 13	25 23 35
	OCT. .	24 21 3	29 2 23		DEC. .	25 0 57	24 16 13
	NOV. .	27 9 47	27 18 29		○	{ 9 19 19	9 23 56
	DEC. .	23 23 31	27 8 50		DEC. .	{ 24 13 41	24 11 4
1069.	JAN. .	25 11 16	25 21 12	1072.	JAN. .	23 2 23	23 6 25
"	FEB. .	24 0 0	24 7 34	"	FEB. .	21 15 10	22 0 44
14 20 30	MAR. .	25 12 44	25 16 21	g. March.	MAR. .	22 8 54	22 16 43
	APRIL	24 1 23	24 0 11	A.G.	APRIL	20 16 38	21 5 45
	MAY .	23 14 12	23 7 53	14 14 2	MAY .	20 5 22	20 15 53
	JUNE .	22 2 56	21 16 44		JUNE .	18 18 6	19 0 9
	JULY .	21 15 40	21 8 29		JULY .	18 6 50	18 7 21
	AUG. .	20 4 24	19 16 54		AUG. .	16 19 34	16 14 41
	SEPT. .	18 17 8	18 9 0		SEPT. .	15 8 18	14 23 6
	OCT. .	18 5 52	18 8 6		OCT. .	14 21 2	14 9 22
	NOV. .	16 18 36	16 21 56		NOV. .	13 9 46	12 22 1
	DEC. .	{ 16 7 20	16 16 8		DEC. .	12 22 30	12 18 5
	○	{ 31 1 42	30 18 12				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1073.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1076.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				C.B.			
March.				March.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
14 19 51	JAN. .	11 11 14	11 6 12	14 13 17	JAN. .	9 2 24	9 2 30
	FEB. .	9 23 58	10 0 23		FEB. .	7 15 8	7 13 4
	MAR. .	11 12 42	11 18 22		MAR. .	8 3 52	7 23 36
	APRIL .	{ 10 1 26	10 10 58		APRIL .	6 16 36	6 10 36
	○	{ 24 19 48	24 16 8		MAY .	6 5 20	5 22 37
	MAY .	9 14 10	10 1 17		JUNE .	4 18 4	4 12 2
	JUNE .	8 2 54	8 13 6		JULY .	4 6 48	4 2 51
	JULY .	7 15 38	7 22 50		AUG. .	2 19 32	2 18 36
	AUG. .	6 4 22	6 7 21		SEPT. .	{ 1 8 16	1 10 36
	SEPT. .	4 17 6	4 15 37			{ 30 21 0	{ 1 2 7
	OCT. .	{ 4 5 50	4 0 31		OCT. .	30 9 44	{ 30 16 40
	○	{ 19 0 12	19 0 39		NOV. .	28 22 28	29 6 2
	NOV. .	2 18 34	2 10 39		DEC. .	28 11 12	28 18 7
	DEC. .	{ 2 7 18	1 22 20				
		{ 31 20 2	31 11 41				
1074.	JAN. .	30 8 46	30 2 34	1077.	JAN. .	26 23 57	27 4 58
E.	FEB. .	28 21 31	28 18 39	A.	○	{ 10 18 19	10 22 0
15 1 40	MAR. .	30 10 15	30 11 17	14 19 6	FEB. .	{ 25 12 41	25 14 48
	○	{ 14 4 37	14 8 43		MAR. .	27 1 25	26 23 42
	APRIL .	{ 23 22 59	29 3 38		APRIL .	25 14 9	25 8 38
	MAY .	23 11 43	23 18 51		MAY .	25 2 53	24 18 23
	JUNE .	27 0 27	27 8 25		JUNE .	23 15 37	23 5 47
	JULY .	26 13 11	26 20 14		JULY .	23 4 21	22 19 20
	AUG. .	25 1 55	25 6 45		○	{ 6 22 43	6 23 13
	SEPT. .	23 14 39	23 16 38		AUG. .	{ 21 17 5	21 10 59
	○	{ 8 9 1	8 0 11		SEPT. .	20 5 49	20 4 10
	OCT. .	{ 23 3 23	23 2 33		OCT. .	19 18 33	19 21 47
	NOV. .	21 16 7	21 12 59		NOV. .	18 7 17	18 14 46
	DEC. .	21 4 51	21 0 4		DEC. .	17 20 1	18 6 12
1075.	JAN. .	19 17 35	19 11 51	1078.	JAN. .	{ 16 8 46	16 19 37
D.	FEB. .	18 6 19	18 0 25	G.	○	{ 31 3 8	30 22 26
15 7 29	MAR. .	19 19 4	19 13 57	15 0 55	FEB. .	14 21 30	15 6 51
	○	{ 3 13 26	4 0 53		MAR. .	16 10 14	16 16 12
	APRIL .	{ 18 7 43	18 4 26		APRIL .	14 22 58	15 0 14
	MAY .	17 20 32	17 19 38		MAY .	14 11 42	14 7 45
	JUNE .	16 9 16	16 11 4		JUNE .	13 0 26	12 15 46
	JULY .	15 22 0	16 2 4		JULY .	{ 12 13 10	12 1 21
	AUG. .	14 10 44	14 16 7		○	{ 27 7 32	27 14 0
	SEPT. .	{ 12 23 28	13 5 6		AUG. .	11 1 54	10 18 23
	○	{ 27 17 50	27 3 59		SEPT. .	9 14 38	9 4 15
	OCT. .	12 12 12	12 17 10		OCT. .	9 3 22	8 21 36
	NOV. .	11 0 56	11 4 37		NOV. .	7 16 6	7 16 25
	DEC. .	10 13 40	10 15 41		DEC. .	7 4 50	7 11 18

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1079.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1082.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	{ 5 17 81	6 4 31	B.	JAN. .	{ 2 8 44	2 1 33
March.	○	{ 20 11 56	20 5 8	March.	{ 31 21 28	31 19 8	
<i>d. h. m.</i>	FEB. .	4 6 18	4 19 27	<i>d. h. m.</i>	...	...
15 6 41	MAR. .	5 19 2	6 7 31	15 0 10	MAR. .	{ 2 10 12	2 13 9
	APRIL .	4 7 46	4 17 1		{ 31 22 56	{ 1 6 25	
	MAY .	3 20 30	4 0 42		30 11 40	{ 30 21 51	
	JUNE .	2 9 14	2 7 32		○	{ 15 6 2	15 0 0
	JULY .	{ 1 21 58	1 14 32		MAY .	{ 30 0 24	30 10 55
	○	{ 31 10 42	30 22 52		JUNE .	28 13 8	28 21 43
	AUG. .	29 23 26	29 9 32		JULY .	28 1 52	28 6 55
	SEPT. .	28 12 10	27 23 12		AUG. .	26 14 36	26 15 24
	OCT. .	28 0 54	27 15 52		SEPT. .	25 8 20	25 0 6
	NOV. .	26 13 34	26 10 44		OCT. .	24 16 4	24 9 44
	DEC. .	26 2 22	26 6 20		○	{ 8 10 26	8 13 45
					NOV. .	{ 23 4 48	22 20 41
1080.	JAN. .	24 15 7	25 0 58	1083.	DEC. .	22 17 32	22 9 9
B.D.	FEB. .	23 8 51	23 17 14	A.	JAN. .	21 6 17	20 23 8
11 12 31	MAR. .	23 16 35	24 6 26	15 5 59	FEB. .	19 19 1	19 14 23
	APRIL .	22 5 19	22 16 48		MAR. .	21 7 45	21 6 38
	MAY .	21 18 3	22 0 45		APRIL .	19 20 29	19 22 56
	○	{ 5 12 25	5 9 6		MAY .	19 9 13	19 14 42
	JUNE .	{ 20 6 47	20 7 36		JUNE .	17 21 57	18 5 11
	JULY .	19 19 31	19 14 22		JULY .	17 10 41	17 18 0
	AUG. .	18 8 15	17 22 9		AUG. .	15 23 25	16 5 20
	SEPT. .	16 20 59	16 7 54		SEPT. .	14 12 9	14 15 43
	OCT. .	16 9 43	15 20 20		OCT. .	14 0 53	14 1 43
	NOV. .	{ 13 22 27	13 11 43		NOV. .	12 13 37	12 12 8
	○	{ 29 16 49	29 22 37		DEC. .	12 2 21	11 22 55
	DEC. .	14 11 11	14 5 33				
1081.	JAN. .	12 23 56	13 0 43	1084.	JAN. .	10 15 6	10 10 16
C.	FEB. .	11 12 40	11 19 37	G.F.	FEB. .	9 3 50	8 22 13
11 18 22	MAR. .	13 1 24	13 12 47	14 11 43	MAR. .	{ 9 16 31	9 10 57
	APRIL .	11 14 8	12 3 14		○	{ 24 10 56	24 23 52
	MAY .	{ 11 2 52	11 14 47		APRIL .	8 5 18	8 0 38
	○	{ 23 21 14	23 12 57		MAY .	7 18 2	7 15 18
	JUNE .	9 15 36	9 23 54		JUNE .	6 6 46	6 6 35
	JULY .	9 4 20	9 7 32		JULY .	5 19 30	5 21 54
	AUG. .	7 17 4	7 14 48		AUG. .	4 8 14	4 12 40
	SEPT. .	6 5 48	5 22 42		SEPT. .	{ 2 20 58	3 2 28
	OCT. .	5 18 32	5 8 8		○	{ 17 15 20	17 1 23
	NOV. .	{ 4 7 16	3 19 33		OCT. .	{ 2 9 42	2 15 16
	○	{ 19 1 34	19 9 46		NOV. .	{ 31 22 26	{ 1 8 15
	DEC. .	8 20 0	8 9 29		DEC. .	30 11 10	30 14 39
						29 28 54	30 1 37

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1085. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1088. B.A.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 14 17 37	JAN. .	23 12 38	28 12 9	March. <i>d. h. m.</i> 14 11 3	○	{ 11 9 26	11 2 52
	FEB. .	27 1 22	26 22 26		JAN. .	{ 26 3 48	26 16 30
	○	{ 13 19 44	14 8 54		FEB. .	{ 21 16 32	25 5 51
	MAR. .	{ 23 14 6	28 8 52		MAR. .	{ 25 5 16	25 16 31
	APRIL	27 2 50	26 20 2		APRIL	23 18 0	24 0 53
	MAY .	26 15 34	26 8 30		MAY .	23 6 44	23 7 55
	JUNE .	25 4 18	24 22 32		JUNE .	21 19 28	21 14 39
	JULY .	24 17 2	24 13 57		○	{ 6 13 50	6 18 56
	AUG. .	23 5 46	23 6 6		JULY .	{ 21 8 12	20 22 11
	○	{ 7 0 8	6 14 28		AUG. .	19 20 56	19 7 36
	SEPT. .	{ 21 18 30	21 22 11		SEPT. .	18 9 40	17 19 48
	OCT. .	21 7 14	21 13 34		OCT. .	17 22 24	17 11 5
1086. D.	Nov. .	19 19 58	20 3 48	1089. G.	Nov. .	16 11 8	16 5 3
	DEC. .	19 8 42	19 16 39		DEC. .	{ 15 23 52	16 0 31
					○	{ 30 18 14	30 17 11
	JAN. .	17 21 26	18 4 6		JAN. .	14 12 36	14 19 50
	FEB. .	16 10 11	16 14 14		FEB. .	13 1 21	13 13 28
	○	{ 3 4 33	3 10 50		MAR. .	14 14 5	15 4 5
	MAR. .	{ 17 22 55	17 23 19		APRIL	13 2 49	13 15 41
	APRIL	16 11 39	16 7 58		MAY .	12 15 33	13 0 41
	MAY .	16 0 23	15 16 58		JUNE .	{ 11 4 17	11 7 59
	JUNE .	14 13 7	14 3 16		○	{ 25 22 39	25 19 55
	JULY .	14 1 51	13 15 38		JULY .	10 17 1	10 14 42
	AUG. .	{ 12 14 35	12 6 20		AUG. .	9 5 45	8 21 54
14 23 26	○	{ 27 8 57	27 7 4	14 16 52	SEPT. .	7 18 29	7 6 40
	SEPT. .	11 3 19	10 23 0		OCT. .	7 7 13	6 17 48
	OCT. .	10 16 3	10 16 45		Nov. .	5 19 57	5 7 47
	Nov. .	9 4 47	9 10 26		DEC. .	{ 5 8 41	5 0 27
	DEC. .	8 17 31	9 2 56		○	{ 20 3 3	20 8 51
					JAN. .	3 21 25	3 19 3
	JAN. .	7 6 15	7 17 29		FEB. .	2 10 9	2 11 9
	FEB. .	5 18 59	6 5 45		MAR. .	3 22 53	4 8 12
	MAR. .	7 7 43	7 15 51		APRIL	2 11 37	2 23 59
	APRIL	5 20 27	6 0 17		MAY .	{ 2 0 21	2 12 55
	MAY .	5 9 11	5 7 47		{ 31 13 5	31 23 10	
	JUNE .	3 21 55	3 15 16	14 22 41	JUNE .	30 1 49	30 7 29
1087. C.	JULY .	3 10 39	2 23 52		JULY .	29 14 33	29 14 56
	AUG. .	{ 1 23 23	1 10 33		AUG. .	28 3 17	27 22 31
	○	{ 31 12 7	31 0 3		SEPT. .	26 16 1	26 7 19
	SEPT. .	30 0 51	29 16 21		OCT. .	26 4 45	25 17 50
	OCT. .	29 13 35	29 10 46		Nov. .	24 17 29	24 6 33
	Nov. .	28 2 19	28 5 54		DEC. .	24 6 13	23 21 27
	DEC. .	27 15 3	28 0 15				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1091. E. March. d. h. m. 15 4 30		d. h. m.	d. h. m.	A.D. 1094. A. March. d. h. m. 14 21 56		d. h. m.	d. h. m.
	JAN. .	22 18 58	22 14 12		JAN. .	19 10 8	19 11 21
	FEB. .	21 7 42	21 7 57		FEB. .	17 22 52	17 21 33
	MAR. .	22 20 26	23 1 30		MAR. .	19 11 36	19 7 34
	APRIL	21 9 10	21 17 50		APRIL	18 0 20	17 18 1
	○	{ 6 3 32	5 23 39		MAY .	17 13 4	17 5 32
	MAY .	{ 20 21 54	21 8 5		JUNE .	16 1 48	15 18 38
	JUNE .	19 10 38	19 20 4		JULY .	15 14 32	15 9 22
	JULY .	18 23 22	19 6 7		AUG. .	14 3 16	14 1 23
	AUG. .	17 12 6	17 15 1		SEPT. .	12 16 0	12 17 49
	SEPT. .	16 0 50	15 23 45		OCT. .	12 4 44	12 9 56
	OCT. .	{ 15 13 34	15 9 3		NOV. .	10 17 28	11 1 3
	○	{ 30 7 56	30 8 23		DEC. .	10 6 12	10 14 46
	NOV. .	14 2 18	13 19 26				
	DEC. .	13 15 2	13 7 8	1095. G.	JAN. .	8 18 57	9 2 59
1092. D.C.	JAN. .	12 3 47	11 20 14		FEB. .	{ 7 7 41	7 13 33
14 10 19	FEB. .	10 16 31	10 10 38	15 3 45	○	{ 22 2 3	22 5 30
	MAR. .	11 5 15	11 2 7		MAR. .	8 20 25	8 23 1
	APRIL	{ 9 17 59	9 18 13		APRIL	7 9 9	7 7 35
	○	{ 24 12 21	24 16 29		MAY .	6 21 53	6 16 4
	MAY .	9 6 43	9 10 14		JUNE .	5 10 37	5 1 26
	JUNE .	7 19 27	8 1 25		JULY .	4 23 21	4 12 35
	JULY .	7 8 11	7 15 12		AUG. .	{ 3 12 5	3 2 7
	AUG. .	5 20 55	6 3 27		○	{ 18 6 27	18 6 53
	SEPT. .	4 9 39	4 14 29		SEPT. .	2 0 49	1 17 59
	OCT. .	{ 3 22 23	4 0 55		OCT. .	{ 1 13 33	1 11 31
	○	{ 18 16 45	18 7 50			{ 31 2 17	31 5 36
	NOV. .	2 11 7	2 11 18		NOV. .	29 15 1	29 23 2
	DEC. .	{ 1 23 51	1 21 56		DEC. .	29 3 45	29 14 44
		{ 31 12 35	31 8 58				
1093. H.	JAN. .	30 1 19	29 20 25	1096. F.E.	JAN. .	27 16 29	28 4 9
11 16 8	FEB. .	28 14 3	28 8 23		○	{ 11 10 51	11 6 17
	MAR. .	30 2 47	29 21 21	14 9 31	FEB. .	{ 26 5 13	26 15 13
	○	{ 13 21 9	14 8 33		MAR. .	26 17 57	27 0 16
	APRIL	{ 28 15 31	28 11 16		APRIL	25 6 41	25 7 57
	MAY .	28 4 15	28 2 7		MAY .	24 19 25	24 15 10
	JUNE .	26 16 59	26 17 29		JUNE .	23 8 9	22 22 58
	JULY .	26 5 43	26 8 45		JULY .	22 20 53	22 8 28
	AUG. .	24 18 27	24 23 18		○	{ 6 15 15	6 21 22
	SEPT. .	23 7 11	23 12 53		AUG. .	{ 21 9 37	20 20 33
	○	{ 8 1 33	7 11 54		SEPT. .	19 22 21	19 11 35
	OCT. .	{ 22 19 55	23 1 32		OCT. .	19 11 5	19 5 11
	NOV. .	21 8 39	21 13 25		NOV. .	17 23 49	18 0 17
	DEC. .	20 21 23	21 0 39		DEC. .	17 12 33	17 19 20

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1097.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1100.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	{ 16 1 18	16 12 48	A.G.	JAN. .	13 16 28	13 9 46
March.	○	{ 30 19 40	30 13 28	March.	FEB. .	12 5 12	12 2 58
<i>d. h. m.</i>	FEB. .	14 14 2	15 3 38	<i>d. h. m.</i>	MAR. .	12 17 56	12 20 25
14 15 23	MAR. .	16 2 46	16 15 31	14 8 49	APRIL	11 6 40	11 13 20
	APRIL	14 15 30	15 0 49		MAY .	{ 10 19 24	11 4 37
	MAY .	14 4 14	14 8 17		○	{ 25 13 46	25 7 21
	JUNE .	12 16 58	12 14 59		JUNE .	9 8 8	9 17 46
	JULY .	12 5 42	11 21 58		JULY .	8 20 52	9 4 51
	AUG. .	10 18 26	10 6 22		AUG. .	7 9 36	7 14 25
	SEPT. .	9 7 10	8 17 10		SEPT. .	5 22 20	5 23 21
	OCT. .	8 19 54	8 6 53		OCT. .	5 11 4	5 8 30
	NOV. .	7 8 38	6 23 46		NOV. .	{ 3 23 48	3 18 29
	DEC. .	6 21 22	6 18 41		○	{ 18 18 10	18 21 42
					DEC. .	3 12 32	3 5 38
1098.	JAN. .	5 10 7	5 14 18				
C.	FEB. .	3 22 51	4 8 50	1101.	JAN. .	{ 2 1 16	1 17 51
14 21 12	MAR. .	5 11 35	6 0 58	F.	{ 31 14 0	31 7 23	
	APRIL	4 0 19	4 14 1		FEB. .	...	...
	MAY .	3 13 3	4 0 10	14 14 38	MAR. .	{ 2 2 44	1 22 4
	JUNE .	2 1 47	2 8 10		{ 31 15 23	31 13 39	
	JULY .	{ 1 14 31	1 15 4		APRIL	30 4 12	30 5 35
	AUG. .	29 15 59	29 5 59		MAY .	29 16 56	29 21 12
	SEPT. .	28 4 43	27 15 57		JUNE .	28 5 40	28 11 49
	OCT. .	27 17 27	27 4 34		JULY .	27 18 24	28 1 0
	NOV. .	26 6 11	25 19 56		AUG. .	26 7 8	26 12 51
	○	{ 11 0 33	11 7 28		SEPT. .	24 19 52	24 23 47
	DEC. .	{ 25 18 55	25 13 38		OCT. .	24 8 36	24 10 28
					NOV. .	22 21 20	22 21 1
					DEC. .	22 10 4	22 7 51
1099.	JAN. .	24 7 39	24 8 31	1102.	JAN. .	20 22 48	20 18 58
B.	FEB. .	22 20 23	23 3 8	E.	FEB. .	19 11 32	19 6 27
15 3 1	MAR. .	24 9 7	24 20 2	14 20 27	MAR. .	21 0 17	20 18 35
	APRIL	22 21 51	23 10 22		○	{ 4 18 39	5 7 35
	MAY .	22 10 35	22 21 53		APRIL	{ 19 13 1	19 7 41
	○	{ 6 4 57	5 19 49		MAY .	19 1 45	18 21 54
	JUNE .	{ 20 23 19	21 7 8		JUNE .	17 14 29	17 12 51
	JULY .	20 12 3	20 15 0		JULY .	17 3 13	17 4 28
	AUG. .	19 0 47	18 22 34		AUG. .	15 15 57	15 19 38
	SEPT. .	17 13 31	17 6 51		SEPT. .	{ 14 4 41	14 10 0
	OCT. .	17 2 15	16 16 34		○	{ 28 23 3	28 9 18
	NOV. .	{ 15 14 59	15 4 13		OCT. .	13 17 25	13 23 24
	○	{ 30 9 21	30 18 11		NOV. .	12 6 9	12 11 53
	DEC. .	15 3 43	14 18 0		DEC. .	11 18 53	11 23 34

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1103. D. March. d. h. m. 15 2 16		d. h. m.	d. h. m.	A.D. 1106. G.		d. h. m.	d. h. m.
	JAN. .	10 7 37	10 10 31		JAN. .	{ 6 22 48	7 8 26
	FEB. .	8 20 21	8 20 47		○	{ 21 17 10	21 11 29
	MAR. .	{ 10 9 6	10 6 38	March. d. h. m. 14 19 42	FEB. .	5 11 32	6 0 39
	○	{ 25 3 28	25 16 19		MAR. .	7 0 16	7 13 56
	APRIL	8 21 50	8 16 31		APRIL	5 13 0	6 0 20
	MAY .	8 10 34	8 3 9		MAY .	5 1 44	5 8 30
	JUNE .	6 23 18	6 15 14		JUNE .	3 14 28	3 15 23
	JULY .	6 12 2	6 5 6		JULY .	{ 3 3 12	2 22 5
	AUG. .	5 0 46	4 20 37		○	{ 17 21 34	18 1 36
	SEPT. .	{ 3 13 30	3 13 7		AUG. .	{ 1 15 56	1 5 41
	○	{ 18 7 52	17 22 36		SEPT. .	{ 31 4 40	30 15 14
	OCT. .	3 2 14	3 5 46		OCT. .	29 17 24	29 3 35
	NOV. .	1 14 53	1 21 44		NOV. .	29 6 8	28 19 0
	DEC. .	{ 1 3 42	1 12 21		DEC. .	27 18 52	27 13 3
		{ 30 16 26	31 1 27			27 7 36	27 8 30
1104. C.B.	JAN. .	29 5 10	29 12 50	1107. F.	○	{ 11 1 58	11 2 5
11 8 5	FEB. .	27 17 54	27 22 40	15 1 31	JAN. .	{ 25 20 20	26 3 42
	○	{ 13 12 16	13 18 3		FEB. .	24 9 4	24 21 5
	MAR. .	{ 28 6 38	28 7 21		MAR. .	25 21 48	26 11 38
	APRIL	26 19 22	26 15 32		APRIL	24 10 32	24 23 6
	MAY .	26 8 6	26 0 9		MAY .	23 23 16	24 8 3
	JUNE .	24 20 50	24 10 11		JUNE .	22 12 0	22 15 22
	JULY .	24 9 34	23 22 28		○	{ 7 6 22	7 2 23
	AUG. .	22 22 18	22 13 14		JULY .	{ 22 0 44	21 22 13
	○	{ 6 16 40	6 15 5		AUG. .	20 13 28	20 5 41
	SEPT. .	{ 21 11 2	21 6 12		SEPT. .	19 2 12	18 14 42
	OCT. .	20 23 46	21 0 23		OCT. .	18 14 56	18 2 2
	NOV. .	19 12 30	19 18 31		NOV. .	17 3 40	16 16 3
	DEC. .	19 1 14	19 11 20		DEC. .	{ 16 16 24	16 8 38
					○	{ 31 10 46	31 17 44
1105. A.	JAN. .	17 13 59	18 2 1	1108. E.D.	JAN. .	15 5 9	15 2 59
14 13 54	FEB. .	16 2 43	16 14 11	14 7 20	FEB. .	13 17 53	13 21 45
	MAR. .	17 15 27	18 0 1		MAR. .	14 6 37	14 15 30
	APRIL	16 4 11	16 8 7		APRIL	12 19 21	13 7 6
	MAY .	15 16 55	15 15 19		MAY .	12 8 5	12 19 59
	JUNE .	14 5 39	13 22 35		JUNE .	10 20 49	11 6 20
	JULY .	13 13 23	13 7 3		JULY .	10 9 33	10 14 51
	AUG. .	12 7 7	11 17 46		AUG. .	8 22 17	8 22 37
	SEPT. .	10 19 51	10 7 22		SEPT. .	7 11 1	7 6 35
	OCT. .	10 8 35	9 23 53		OCT. .	6 23 45	6 15 43
	NOV. .	8 21 19	8 18 33		NOV. .	5 12 29	5 2 27
	DEC. .	8 10 3	8 13 57		DEC. .	5 1 13	4 15 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1109. c. March. d. h. m. 14 13 9	JAN. .	d. h. m. 3 13 53	d. h. m. 3 5 51	A.D. 1112. G.F. March. d. h. m. 14 6 35	JAN. .	d. h. m. { 1 5 7 30 17 51	d. h. m. 1 9 36 30 20 6
	FEB. .	2 2 42	1 22 9		FEB. .	29 6 35	29 5 54
	MAR. .	3 15 26	3 15 21		MAR. .	29 19 19	29 15 25
	APRIL	2 4 10	2 8 29		APRIL	28 8 3	28 1 19
	MAY ○	{ 1 16 54 16 11 16	2 0 35 16 7 7		MAY .	27 20 47	27 12 24
	JUNE .	31 5 38	31 14 50		JUNE .	26 9 31	26 1 14
	JULY .	29 18 22	30 3 1		JULY .	25 22 15	25 15 59
	AUG. .	29 7 6	29 13 26		AUG. .	24 10 59	24 8 13
	SEPT. .	27 19 50	27 22 49		SEPT. .	22 23 43	23 1 9
	OCT. .	26 8 34	26 8 2		OCT. .	22 12 27	22 17 50
	NOV. .	25 21 18	25 17 42		NOV. .	21 1 11	21 9 28
	DEC. .	9 15 40	9 16 12		DEC. .	20 13 55	20 23 30
	NOV. .	{ 24 10 2 24 10 2	24 4 18				
	DEC. .	23 22 46	23 15 56				
1110. B. 14 18 57	JAN. .	22 11 30	22 4 42	1113. E. 14 12 24	JAN. .	19 2 40	19 11 44
	FEB. .	21 0 14	20 18 33		FEB. .	17 15 24	17 22 11
	MAR. .	22 12 53	22 9 25		○	{ 4 9 46 19 4 8	4 12 51 19 7 11
	APRIL	21 1 42	21 1 1		APRIL	17 16 52	17 15 19
	○	{ 5 20 4 20 14 26	6 0 6 20 16 44		MAY .	17 5 36	16 23 24
	MAY .	19 3 10	19 7 56		JUNE .	15 18 20	15 8 23
	JUNE .	18 15 54	18 21 59		JULY .	15 7 4	14 19 23
	JULY .	17 4 33	17 10 44		AUG. .	{ 13 19 43 28 14 10	13 9 0 28 14 50
	AUG. .	15 17 22	15 22 21		○	12 8 32	12 1 4
	SEPT. .	15 6 6	15 9 20		SEPT. .	11 21 16	11 18 53
	OCT. .	{ 30 0 23 13 18 50	29 15 36 13 20 6		OCT. .	10 10 0	10 18 31
	○	13 7 34	13 6 53		NOV. .	9 22 44	10 7 13
	NOV. .	11 20 19	11 17 50		DEC. .		
	DEC. .	10 9 3	10 4 54				
1111. A. 15 0 46	MAR. .	11 21 47	11 16 23	1114. D. 14 18 13	JAN. .	8 11 29	8 23 13
	APRIL	{ 10 10 31 25 4 53	10 4 39 25 16 8		FEB. .	{ 7 0 13 21 18 35	7 12 37 21 14 3
	○	9 23 15	9 18 3		○	8 12 57	8 23 27
	MAY .	8 11 59	8 8 38		MAR. .	7 1 41	7 8 12
	JUNE .	8 0 43	7 23 59		APRIL	6 14 25	6 15 35
	AUG. .	6 13 27	6 15 31		MAY .	5 3 9	4 22 34
	SEPT. .	5 2 11	5 6 35		JUNE .	4 15 53	4 6 15
	OCT. .	{ 4 14 55 19 9 17	4 20 43 18 19 59		JULY .	{ 3 4 37 17 22 59	2 15 43 18 4 49
	○	3 3 39	3 10 1		○	1 17 21	{ 1 3 52 30 19 4
	NOV. .	2 16 23	2 22 15		SEPT. .	{ 1 6 5 30 18 49	30 12 53
	DEC. .				OCT. .	29 7 33	29 8 14
					NOV. .	28 20 17	29 8 25
					DEC. .		

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1115. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1118. f.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 15 0 2	JAN. .	27 9 1	27 20 55	March. <i>d. h. m.</i> 14 17 28	JAN. .	24 0 11	23 17 54
	○	{ 11 3 23	10 21 49		FEB. .	22 12 55	22 10 28
	FEB. .	{ 25 21 45	26 11 39		MAR. .	24 1 39	24 3 31
	MAR. .	27 10 29	27 23 22		APRIL	22 14 23	22 20 5
	APRIL	25 23 13	26 8 27		MAY .	22 3 7	22 11 16
	MAY .	25 11 57	25 15 46		○	{ 5 21 29	5 14 38
	JUNE .	24 0 41	23 22 24		JUNE .	{ 20 15 51	21 0 33
	JULY .	23 13 25	23 5 26		JULY .	20 4 35	20 11 58
	○	{ 7 7 47	7 12 12		AUG. .	18 17 19	18 22 0
	AUG. .	{ 22 2 9	21 13 53		SEPT. .	17 6 3	17 7 26
	SEPT. .	20 14 53	20 0 56		OCT. .	16 18 47	16 17 3
	OCT. .	20 3 37	19 14 53		NOV. .	{ 15 7 31	15 3 18
	NOV. .	18 16 21	18 7 46		○	{ 30 1 53	30 5 42
	DEC. .	18 5 5	18 2 41		DEC. .	14 20 15	14 14 25
1116. D.A.	JAN. .	16 17 50	16 22 11	1119. E.	JAN. .	13 9 0	13 2 31
14 5 50	FEB. .	15 6 34	15 16 33	14 23 17	FEB. .	11 21 44	11 15 34
	MAR. .	15 19 18	16 8 30		MAR. .	13 10 28	13 5 39
	APRIL	14 8 2	14 21 25		APRIL	11 23 12	11 20 38
	MAY .	13 20 46	14 7 29		MAY .	11 11 56	11 12 12
	JUNE .	12 9 30	12 15 30		JUNE .	10 0 40	10 3 41
	JULY .	11 22 14	11 22 32		JULY .	9 13 24	9 18 27
	AUG. .	10 10 58	10 5 42		AUG. .	8 2 8	8 8 3
	SEPT. .	8 23 42	8 13 57		SEPT. .	6 14 52	6 20 29
	OCT. .	8 12 26	8 0 10		OCT. .	6 3 36	6 8 1
	NOV. .	7 1 10	6 12 54		NOV. .	4 16 20	4 19 4
	DEC. .	{ 6 13 54	6 4 14		DEC. .	4 5 4	4 5 58
	○	{ 21 8 16	21 16 18				
1117. a.	JAN. .	5 2 39	4 21 43	1120. D.C.	JAN. .	2 17 49	2 16 50
14 11 39	FEB. .	3 15 23	3 16 15	14 5 6	FEB. .	1 6 33	1 3 39
	MAR. .	5 4 7	5 10 30		MAR. .	{ 1 19 17	1 14 38
	APRIL	8 16 51	4 3 9		○	{ 31 8 1	31 2 9
	MAY .	3 5 35	3 17 23		○	{ 15 2 23	15 15 9
	JUNE .	{ 1 18 19	2 4 57		APRIL	{ 29 20 45	29 14 41
	○	{ 16 12 41	16 2 43		MAY .	29 9 29	29 4 30
	JULY .	{ 1 7 3	1 14 23		JUNE .	27 22 13	27 19 27
	○	{ 30 19 47	30 22 32		JULY .	27 10 57	27 11 5
	AUG. .	29 8 31	29 6 30		AUG. .	25 23 41	26 2 41
	SEPT. .	27 21 15	27 15 10		SEPT. .	24 12 25	24 17 39
	OCT. .	27 9 59	27 1 8		○	{ 9 6 47	8 17 24
	NOV. .	25 22 43	25 12 54		OCT. .	{ 24 1 9	24 7 39
	○	{ 10 17 5	11 2 39		NOV. .	22 13 53	22 20 37
	DEC. .	{ 25 11 27	25 2 33		DEC. .	22 2 37	22 8 30

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1121.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1124.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	20 15 21	20 19 22	F.E.	JAN. .	18 6 31	18 16 29
March.	FEB. .	19 4 5	19 5 20	O	FEB. .	{ 2 0 53	1 20 1
<i>d. h. m.</i>	MAR. .	20 16 49	20 14 41	March.	MAR. .	{ 16 19 15	17 8 39
14 10 55	O	{ 4 11 11	4 23 33	<i>d. h. m.</i>	APRIL	17 7 59	17 21 47
	APRIL	{ 19 5 33	19 0 1	14 4 21	MAY .	15 20 43	16 8 0
	MAY .	18 18 17	18 10 11		JUNE .	15 9 27	15 16 0
	JUNE .	17 7 1	16 21 57		JULY .	13 22 11	13 22 50
	JULY .	16 19 45	16 11 42		O	{ 13 10 55	13 5 33
	AUG. .	15 8 29	15 3 21		AUG. .	{ 28 5 17	28 8 18
	SEPT. .	{ 13 21 13	13 20 14		SEPT. .	11 23 39	11 13 17
	O	{ 28 15 35	28 6 50		OCT. .	10 12 23	9 23 1
	OCT. .	13 9 57	13 13 27		NOV. .	10 1 7	9 11 31
	NOV. .	11 22 41	12 5 57		DEC. .	8 13 51	8 3 2
	DEC. .	11 11 25	11 21 0			8 2 35	7 21 4
1122.	JAN. .	10 0 10	10 10 13	1125.	JAN. .	{ 6 15 20	6 16 25
A.	FEB. .	8 12 54	8 21 27	D.	O	{ 21 9 42	21 10 56
14 16 43	MAR. .	{ 10 1 38	10 6 59	14 10 10	FEB. .	5 4 4	5 11 26
	O	{ 24 20 0	25 1 9		MAR. .	6 16 48	7 4 39
	APRIL	8 14 22	8 15 15		APRIL	5 5 32	5 19 2
	MAY .	8 3 6	7 23 3		MAY .	4 18 16	5 6 25
	JUNE .	6 15 50	6 7 21		JUNE .	3 7 0	3 15 21
	JULY .	6 4 34	5 17 10		JULY .	{ 2 19 44	2 22 48
	AUG. .	4 17 18	4 5 24		O	{ 17 14 6	17 8 57
	SEPT. .	{ 3 6 2	2 20 19		AUG. .	{ 1 8 23	1 5 52
	O	{ 18 0 24	17 23 15		SEPT. .	{ 30 21 12	30 13 36
	OCT. .	2 18 46	2 13 34		OCT. .	29 9 56	28 22 54
	NOV. .	{ 1 7 30	1 8 9		NOV. .	28 22 40	28 10 21
	DEC. .	{ 30 20 14	{ 1 2 39		DEC. .	27 11 24	27 0 27
		30 8 58	30 19 43			27 0 8	26 16 51
1123.	JAN. .	28 21 43	29 10 27	1126.	O	{ 10 18 30	11 2 36
G.	FEB. .	27 10 27	27 22 28	C.	JAN. .	{ 23 12 52	23 10 49
14 22 32	MAR. .	28 23 11	29 8 3	14 15 59	FEB. .	24 1 36	24 5 11
	APRIL	27 11 55	27 15 51		MAR. .	25 14 20	25 22 38
	MAY .	27 0 39	26 22 47		APRIL	24 3 4	24 14 4
	JUNE .	25 13 23	25 5 55		MAY .	23 15 48	24 2 56
	JULY .	25 2 7	24 14 21		JUNE .	22 4 32	22 13 27
	AUG. .	23 14 51	23 1 7		O	{ 6 22 54	6 12 2
	SEPT. .	22 3 35	21 14 51		JULY .	{ 21 17 16	21 22 16
	OCT. .	21 16 19	21 7 34		AUG. .	20 6 0	20 6 23
	NOV. .	20 5 3	20 2 26		SEPT. .	18 18 44	18 14 43
	DEC. .	19 17 47	19 21 57		OCT. .	18 7 23	18 0 13
					NOV. .	16 20 12	16 11 9
					DEC. .	16 8 56	15 23 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1127. B. March. d. h. m. 14 21 47		d. h. m.	d. h. m.	A.D. 1130. E. March. d. h. m. 14 15 14		d. h. m.	d. h. m.
	JAN. .	14 21 41	14 14 11		JAN. .	11 12 51	11 18 29
	FEB. .	13 10 25	13 5 58		FEB. .	10 1 35	10 4 45
	MAR. .	14 23 9	14 22 38		MAR. .	11 14 19	11 14 9
	APRIL	13 11 53	13 15 21		APRIL	10 3 3	9 23 10
	MAY .	13 0 37	13 7 13		MAY .	9 15 47	9 8 34
	○	27 18 59	27 14 32		JUNE .	8 4 31	7 19 17
	JUNE .	11 13 21	11 21 30		JULY .	7 17 15	7 7 54
	JULY .	11 2 5	11 9 57		AUG. .	6 5 59	5 22 42
	AUG. .	9 14 49	9 20 49		SEPT. .	4 18 43	4 15 13
	SEPT. .	8 3 33	8 6 43		OCT. .	4 7 27	4 8 33
	OCT. .	7 16 17	7 16 24		NOV. .	2 20 11	3 1 51
	NOV. .	6 5 1	6 2 28		DEC. .	2 8 55	2 17 55
	○	20 23 23	21 0 6		{	31 21 39	...
	DEC. .	5 17 45	5 13 13				
1128. A.G. 14 8 36	JAN. .	4 6 30	4 0 46	1131. D.	JAN. .	{ ...	1 8 11
	FEB. .	2 19 14	2 13 6		FEB. .	30 10 23	30 20 22
	MAR. .	3 7 58	3 2 23		○	28 23 8	{ 1 6 36
	APRIL	1 20 42	1 16 39	14 21 3	MAR. .	{ 15 17 30	{ 15 20 6
	○	1 9 26	1 7 45		APRIL	{ 30 11 52	{ 30 15 13
	MAY ○	{ 16 3 48	16 7 39		MAY .	29 0 36	28 22 53
		{ 30 22 10	30 23 13		JUNE .	28 13 20	28 6 43
	JUNE .	20 10 54	20 14 27		JULY .	27 2 4	26 15 33
	JULY .	28 23 38	29 4 51		AUG. .	26 14 48	26 2 28
	AUG. .	27 12 22	27 13 7		○	25 3 32	24 16 4
	SEPT. .	26 1 6	26 6 20		{	8 21 54	8 22 49
	OCT. .	25 13 50	25 17 51		SEPT. .	{ 23 16 16	23 8 22
	○	{ 9 8 12	8 23 32		OCT. .	23 5 0	23 2 36
	NOV. .	{ 24 2 34	24 4 59		NOV. .	21 17 44	21 21 30
	DEC. .	23 15 18	23 15 53		DEC. .	21 6 28	21 15 34
1129. F. 14 9 25	JAN. .	22 4 2	22 2 37	1132. C.B.	JAN. .	19 19 12	20 7 35
	FEB. .	20 16 46	20 13 15		FEB. .	18 7 56	18 20 54
	MAR. .	22 5 30	22 0 10		○	{ 4 2 18	3 21 42
	APRIL	20 18 14	20 11 51	14 2 52	MAR. .	{ 18 20 40	19 7 31
	○	{ 5 12 36	5 23 34		APRIL	17 9 24	17 15 58
	MAY .	{ 20 6 58	20 0 47		MAY .	16 22 8	16 23 7
	JUNE .	18 19 42	18 15 5		JUNE .	15 10 52	15 5 57
	JULY .	18 8 23	18 6 29		JULY .	14 23 36	14 13 34
	AUG. .	16 21 10	16 22 21		AUG. .	{ 13 12 20	12 23 5
	SEPT. .	15 9 54	15 13 58		○	{ 23 6 42	23 12 22
	OCT. .	{ 14 22 38	15 4 48		SEPT. .	12 1 4	11 11 21
	○	{ 29 17 0	29 4 12		OCT. .	11 13 48	11 2 42
	NOV. .	18 11 22	18 18 32		NOV. .	10 2 32	9 20 43
	DEC. .	18 0 6	18 7 6		DEC. .	9 15 16	9 16 11

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)
A.D. 1133. A.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1136. E.D.		<i>d. h. m.</i>
March. <i>d. h. m.</i> 14 8 40	JAN. .	8 4 1	8 11 27	March. <i>d. h. m.</i> 14 2 7	JAN. .	5 19 11
	FEB. .	{ 6 16 45	7 4 54		FEB. .	4 7 55
	○	{ 21 11 7	21 6 3		MAR. .	4 20 39
	MAR. .	8 5 29	8 19 30		APRIL	3 9 23
	APRIL	6 18 13	7 7 2		MAY .	2 22 7
	MAY .	6 6 57	6 15 58		○	{ 1 10 51
	JUNE .	4 19 41	4 23 14		JUNE ○	{ 16 5 13
	JULY .	4 8 25	4 5 53			{ 30 23 35
	AUG. .	{ 2 21 9	{ 2 13 2		JULY .	30 12 19
	○	{ 17 15 31	{ 17 19 12		AUG. .	29 1 3
	SEPT. .	{ 1 9 53	{ 31 21 45		SEPT. .	27 13 47
		{ 30 22 37	30 8 53		OCT. .	27 2 31
	OCT. .	30 11 21	29 22 59		NOV. .	25 15 15
	NOV. .	29 0 5	28 15 52		○	{ 10 9 37
	DEC. .	28 12 49	28 10 39		DEC. .	{ 25 3 59
1134. G.	JAN. .	27 1 34	27 5 58	1137 C.	JAN. .	23 16 44
14 14 29	FEB. .	25 14 18	26 0 7	14 7 56	FEB. .	22 5 28
	MAR. .	27 3 2	27 15 54		MAR. .	23 18 12
	APRIL	25 15 46	26 4 43		APRIL	22 6 56
	MAY .	25 4 30	25 14 46		MAY .	21 19 40
	JUNE .	23 17 14	23 22 52		JUNE .	20 8 24
	JULY .	23 5 58	23 6 6		JULY .	19 21 8
	AUG. .	21 18 42	21 13 32		AUG. .	18 9 52
	SEPT. .	20 7 26	19 22 5		SEPT. .	16 22 36
	OCT. .	19 20 10	19 8 33		OCT. .	16 11 20
	NOV. .	18 8 54	17 21 22		NOV. .	15 0 4
	DEC. .	17 21 38	17 12 34		DEC. .	14 12 48
	○	{ 1 16 0	2 1 7			
1135. F.	JAN. .	{ 16 10 22	16 5 43	1138. B.	JAN. .	13 1 32
14 20 18	FEB. .	14 23 6	14 23 50	14 13 45	FEB. .	11 14 16
	MAR. .	16 11 50	16 17 43		MAR. .	13 3 0
	APRIL	15 0 34	15 10 7		APRIL	{ 11 15 44
	MAY .	14 13 18	15 0 16		○	{ 26 10 6
	JUNE .	{ 13 2 2	13 11 57		MAY .	11 4 28
	○	{ 27 20 24	27 9 39		JUNE .	9 17 12
	JULY .	12 14 46	12 21 37		JULY .	9 5 56
	AUG. .	11 3 30	11 6 11		AUG. .	7 18 40
	SEPT. .	9 16 14	9 14 32		SEPT. .	6 7 24
	OCT. .	9 4 58	8 23 35		OCT. .	{ 5 20 8
	NOV. .	7 17 42	7 9 51		○	{ 20 14 30
	DEC. .	{ 7 6 26	6 21 39		NOV. .	4 8 52
	○	{ 22 0 48	22 11 3		DEC. .	3 21 36

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1139.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1142.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March. <i>d. h. m.</i> 14 19 38	JAN. .	{ 2 10 21 31 23 5	2 17 23	March. <i>d. h. m.</i> 14 13 0	JAN. .	28 14 15	29 0 26
	FEB. .	...	1 4 7	○	FEB. .	{ 12 8 37 27 2 59	12 4 28 27 16 30
	MAR. .	2 11 49	{ 2 13 44 31 22 36		MAR. .	28 15 43	29 5 28
	APRIL .	{ 1 0 33 15 18 55 30 13 17	16 6 39 30 7 29		APRIL .	27 4 27	27 15 33
	MAY .	30 2 1	29 17 14		MAY .	26 17 11	26 28 28
	JUNE .	28 14 45	28 4 42		JUNE .	25 5 55	25 6 17
	JULY .	28 3 29	27 18 24		JULY .	24 18 39	24 13 7
	AUG. .	26 16 13	26 10 15	○	○	{ 8 13 1 23 7 23	8 15 5 22 21 1
	SEPT. .	25 4 57	25 3 32		AUG. .	21 20 7	21 6 58
	○	{ 9 23 19 24 17 41	9 15 14 24 21 14		SEPT. .	21 8 51	20 19 37
	OCT. .	23 6 25	23 14 13		OCT. .	19 21 35	19 11 11
	NOV. .	22 19 9	23 5 36		NOV. .	19 10 19	19 5 8
	DEC. .				DEC. .		
1140.	JAN. .	21 7 53	21 18 51	1143.	JAN. .	17 23 3	18 0 16
G.F.	FEB. .	19 20 37	20 5 55	C.	○	{ 1 17 25 16 11 47	1 19 39 16 19 4
14 1 22	MAR. .	20 9 21	20 15 7	14 18 49	FEB. .	18 0 31	18 12 2
	○	{ 4 3 43 18 22 5	4 8 7 18 23 2		MAR. .	16 13 15	17 2 16
	APRIL .	18 10 49	18 6 29		MAY .	16 1 59	16 13 37
	MAY .	16 23 33	16 14 32		JUNE .	14 14 43	14 22 37
	JUNE .	16 12 17	16 0 13		JULY .	{ 14 3 27 23 21 49	14 6 15 28 15 33
	AUG. .	15 1 1	14 12 27		○	12 16 11	12 13 33
	SEPT. .	{ 13 13 45 23 8 7	13 3 31 23 7 31		AUG. .	11 4 55	10 21 38
	○	13 2 29	12 21 3		SEPT. .	10 17 39	10 7 14
	OCT. .	11 15 13	11 15 59		OCT. .	9 6 23	8 18 54
	NOV. .	11 3 57	11 10 47		NOV. .	3 19 7	8 8 55
	DEC. .				DEC. .		
1141.	JAN. .	9 16 42	10 4 2	1144.	JAN. .	{ 7 7 52 22 2 14	7 1 4 22 11 20
E.	FEB. .	8 5 26	8 18 44	B.A.	○	5 20 36	5 18 37
14 7 11	MAR. .	9 18 10	10 6 34	14 0 38	FEB. .	6 9 20	6 12 32
	APRIL .	8 6 54	8 15 54		MAR. .	4 22 4	5 5 38
	MAY .	7 19 38	7 23 27		APRIL .	4 10 48	4 20 54
	JUNE .	6 8 22	6 6 14		MAY .	2 23 32	3 9 50
	JULY .	5 21 6	5 13 17		JUNE .	{ 2 12 16 17 6 33	2 20 34 16 18 56
	AUG. .	4 9 50	3 21 44		○	{ 1 1 0 30 13 44	1 5 44 30 14 17
	SEPT. .	2 22 34	2 8 36		AUG. .	29 2 28	28 23 7
	OCT. .	2 11 18	{ 1 22 29 31 15 21		SEPT. .	28 15 12	28 8 53
	NOV. .	{ 1 0 2 30 12 46	30 10 21		OCT. .	27 3 56	26 19 58
	DEC. .	30 1 30	30 5 55		NOV. .	26 16 40	26 8 30
					DEC. .		

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1145.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1148.		<i>d. h. m.</i>	<i>d. h. m.</i>
G. March. <i>d. h. m.</i> 14 6 26	JAN. .	25 5 25	24 22 29	D.C. March. <i>d. h. m.</i> 13 23 53	JAN. .	22 20 35	23 3 18
	FEB. .	23 18 9	23 13 44		FEB. .	21 9 19	21 13 17
	MAR. .	25 6 53	25 5 48		MAR. .	21 22 3	21 22 16
	APRIL	23 19 37	23 22 6		APRIL	20 10 47	20 6 48
	MAY .	23 8 21	23 13 45		MAY .	19 23 31	19 15 48
	○	{ 7 2 43	6 21 56		JUNE .	18 12 15	18 2 9
	JUNE .	{ 21 21 5	22 4 9		JULY .	18 0 59	17 11 39
	JULY .	21 9 49	21 16 58		AUG. .	16 18 43	16 5 30
	AUG. .	19 22 33	20 4 18		SEPT. .	15 2 27	14 22 21
	SEPT. .	18 11 17	18 14 45		OCT. .	14 15 11	14 16 12
	OCT. .	18 0 1	18 0 55		NOV. .	13 8 55	13 9 55
	NOV. .	16 12 45	16 11 19		DEC. .	12 16 39	13 2 22
	○	{ 1 7 7	1 8 2				
	DEC. .	{ 16 1 29	15 22 10				
1146.	JAN. .	14 14 13	14 9 31	1149.	JAN. .	11 5 23	11 16 49
F.	FEB. .	13 2 57	12 21 25	B.	FEB. .	9 18 7	10 4 54
14 12 15	MAR. .	14 15 41	14 10 5	14 5 42	MAR. .	{ 11 6 51	11 11 51
	APRIL	13 4 25	12 23 44		○	{ 26 1 13	26 8 10
	MAY .	{ 12 17 9	12 14 21		APRIL	9 19 35	9 23 8
	○	{ 27 11 31	27 15 8		MAY .	9 8 19	9 8 31
	JUNE .	11 5 53	11 5 38		JUNE .	7 21 3	7 14 1
	JULY .	10 18 37	10 20 58		JULY .	7 9 47	6 22 42
	AUG. .	9 7 21	9 11 45		AUG. .	5 22 31	5 9 33
	SEPT. .	7 20 5	8 1 36		SEPT. .	{ 4 11 15	3 23 15
	OCT. .	7 8 49	7 14 26		○	{ 19 5 37	19 6 57
	NOV. .	{ 5 21 33	6 2 23		OCT. .	3 23 59	3 15 45
	○	{ 20 15 55	20 7 32		NOV. .	2 12 43	2 10 18
	DEC. .	5 10 17	5 13 54		DEC. .	{ 2 1 27	2 5 30
						{ 31 14 11	31 23 45
1147.	JAN. .	3 23 2	4 0 50	1150.	JAN. .	30 2 55	30 15 50
E.	FEB. .	2 11 46	2 11 19	A.	FEB. .	28 15 40	{ 1 5 3
14 18 4	MAR. .	4 0 30	3 21 31		○	{ 15 10 2	{ 15 5 15
	APRIL	2 13 14	2 7 51		MAR. .	{ 30 4 21	30 15 27
		2 1 58	1 18 59		APRIL	28 17 8	28 23 40
	MAY ○	{ 16 20 20	17 6 55	14 11 31	MAY .	28 5 52	28 6 37
		{ 31 14 42	31 7 23		JUNE .	26 18 36	26 18 21
	JUNE .	30 3 26	29 21 35		JULY .	26 7 20	25 20 59
	JULY .	29 16 10	29 13 6		AUG. .	24 20 4	24 6 36
	AUG. .	28 4 54	28 5 20		○	{ 8 14 26	8 20 1
	SEPT. .	26 17 38	26 21 29		SEPT. .	{ 23 8 48	23 19 0
	OCT. .	26 6 22	26 12 55		OCT. .	22 21 32	22 10 30
	○	{ 10 0 44	9 12 34		NOV. .	21 10 16	21 4 39
	NOV. .	{ 24 19 6	25 3 9		DEC. .	20 23 0	21 0 9
	DEC. .	24 7 50	24 15 57				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1151.		d. h. m.	d. h. m.	A.D. 1154.		d. h. m.	d. h. m.
u.	JAN. .	19 11 35	19 19 21	u.	○	{ 1 8 32	1 19 26
March.	FEB. .	18 0 29	18 12 41	March.	JAN. .	{ 16 2 54	15 19 33
d. h. m.	u.	1 4 18 51	4 14 11	d. h. m.	FEB. .	14 15 38	14 9 56
14 17 19	MAR. .	19 13 13	20 8 13	14 10 46	MAR. .	16 4 22	16 1 22
	APRIL .	18 1 57	18 11 36		APRIL .	14 17 6	14 17 22
	MAY .	17 14 41	17 23 26		MAY .	14 5 50	14 9 19
	JUNE .	16 8 25	16 6 49		JUNE .	{ 12 18 31	13 0 25
	JULY .	15 16 9	15 13 23		○	{ 27 12 56	27 5 15
	AUG. .	14 4 53	13 20 43		JULY .	12 7 18	12 14 10
	u.	{ 28 23 15	29 2 17		AUG. .	10 20 2	11 2 24
	SEPT. .	12 17 37	12 5 40		SEPT. .	9 8 46	9 18 30
	OCT. .	12 6 21	11 17 1		OCT. .	8 21 30	9 0 1
	NOV. .	10 19 5	10 7 11		NOV. .	7 10 14	7 10 28
	DEC. .	10 7 49	10 0 0		DEC. .	{ 6 22 58	6 21 10
					○	{ 21 17 20	21 21 44
1152.	JAN. .	8 20 33	8 18 37	1155.	JAN. .	5 11 43	5 8 12
u.	FEB. .	7 9 17	7 13 39	u.	FEB. .	4 0 27	3 19 37
13 23 8	MAR. .	7 22 1	8 7 32	14 16 35	MAR. .	5 13 11	5 7 37
	APRIL .	6 10 45	6 23 7		APRIL .	4 1 55	3 20 27
	MAY .	5 23 29	6 11 51		MAY .	3 14 39	3 10 20
	JUNE .	4 12 13	4 21 58		JUNE .	{ 2 8 28	2 1 11
	JULY .	4 0 57	4 6 11		○	{ 16 21 45	16 22 10
	AUG. .	2 13 41	2 13 42		JULY .	{ 1 16 7	1 16 35
	u.	{ 1 2 2	31 21 27		○	{ 31 4 51	31 7 51
	SEPT. .	30 15 9	30 6 22		AUG. .	29 17 35	29 22 26
	OCT. .	30 8 53	29 17 4		SEPT. .	28 6 19	28 12 5
	NOV. .	28 16 37	28 5 55		OCT. .	27 19 8	28 0 47
	DEC. .	28 5 21	27 29 55		NOV. .	26 7 47	26 12 40
	○	{ 11 23 43	12 9 49		DEC. .	25 20 31	25 23 54
1153.	JAN. .	26 18 5	26 13 41	1156.	JAN. .	24 9 15	24 10 31
u.	FEB. .	25 6 49	25 7 20	u.	FEB. .	22 22 0	22 20 38
14 4 57	MAR. .	26 19 34	27 0 48	13 22 21	MAR. .	23 10 44	23 6 31
	APRIL .	25 8 18	25 16 57		APRIL .	21 23 28	21 16 57
	MAY .	24 21 2	25 7 4		○	{ 6 17 50	7 5 52
	JUNE .	23 9 46	23 18 55		MAY .	{ 21 12 12	21 4 28
	u.	{ 8 4 8	7 16 38		JUNE .	20 0 56	19 17 38
	JULY .	22 22 30	23 4 57		JULY .	19 13 40	19 8 30
	AUG. .	21 11 14	21 13 51		AUG. .	18 2 24	18 0 35
	SEPT. .	19 23 58	19 22 41		SEPT. .	16 15 8	16 17 7
	OCT. .	19 12 42	19 8 10		OCT. .	{ 16 8 52	16 9 17
	NOV. .	18 1 26	17 13 40		○	{ 30 22 14	30 10 8
	DEC. .	17 14 10	17 6 26		NOV. .	14 16 36	15 0 23
					DEC. .	14 5 20	14 14 7

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1157.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1160.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				C.B.			
March.	JAN. .	12 18 4	13 2 12	March.	JAN. .	10 9 14	10 18 53
<i>d. h. m.</i>	FEB. .	11 6 48	11 12 44	<i>d. h. m.</i>	FEB. .	{ 8 21 58	9 8 13
14 4 12	MAR. .	12 19 32	12 21 58	13 21 39	○	{ 23 16 20	23 12 48
	APRIL	{ 11 8 16	11 6 25		MAR. .	9 10 42	10 0 10
	○	{ 26 2 38	26 13 35		APRIL	7 23 26	8 13 0
	MAY .	10 21 0	10 14 51		MAY .	7 12 10	7 22 58
	JUNE .	9 9 44	9 0 14		JUNE .	6 0 54	6 6 52
	JULY .	8 22 28	8 11 32		JULY .	5 13 38	5 13 44
	AUG. .	7 11 12	7 1 12		AUG. .	{ 4 2 22	3 20 44
	SEPT. .	5 23 56	5 17 15		○	{ 18 20 44	18 21 56
	OCT. .	{ 5 12 40	5 10 55		SEPT. .	2 15 6	2 4 53
	○	{ 20 7 2	19 23 47		OCT. .	{ 2 3 50	1 15 4
	NOV. .	4 1 24	4 5 6		NOV. .	{ 31 16 34	31 8 52
	DEC. .	3 14 8	3 22 29		DEC. .	30 5 18	29 19 25
						29 18 2	29 18 11
1158.	JAN. .	{ 2 2 52	2 14 8	1161.	JAN. .	28 6 47	23 8 3
E.		{ 31 15 36	...	A.	○	{ 12 1 9	12 4 19
14 10 1	FEB. .	...	1 3 23	14 3 23	FEB. .	{ 20 19 31	27 2 32
	MAR. .	{ 2 4 21	2 14 16		MAR. .	28 8 15	28 19 15
	○	{ 15 11 27	15 14 57		APRIL	26 20 59	27 9 23
	APRIL	{ 30 5 49	30 6 43		MAY .	26 9 43	26 20 45
	MAY .	29 18 33	29 13 54		JUNE .	24 22 27	25 5 53
	JUNE .	28 7 17	27 21 44		JULY .	24 11 11	24 13 46
	JULY .	27 20 1	27 7 23		○	{ 8 5 33	7 22 17
	AUG. .	26 8 45	25 19 39		AUG. .	{ 22 23 55	22 21 23
	SEPT. .	24 21 29	24 10 54		SEPT. .	21 12 39	21 5 51
	○	{ 9 15 51	9 15 57		OCT. .	21 1 23	20 15 44
	OCT. .	{ 24 10 13	24 4 41		NOV. .	19 14 7	19 8 32
	NOV. .	22 22 57	22 23 53		DEC. .	19 2 51	18 17 25
	DEC. .	22 11 41	22 18 55	1162.	JAN. .	17 13 30	17 9 18
1159.	JAN. .	21 0 23	21 12 14	G.	○	{ 1 9 58	1 19 59
D.	FEB. .	19 13 10	20 2 52	14 9 17	FEB. .	{ 16 4 20	16 2 17
14 15 50	MAR. .	21 1 54	21 14 32		MAR. .	17 17 4	17 19 45
	APRIL	19 14 33	19 23 33		APRIL	16 5 48	16 12 30
	MAY .	19 3 22	19 7 0		MAY .	15 18 32	16 3 39
	JUNE .	17 16 6	17 13 39		JUNE .	14 7 16	14 16 41
	JULY .	17 4 50	16 20 43		JULY .	{ 13 20 0	14 3 42
	AUG. .	15 17 34	15 5 16		○	{ 28 14 22	28 1 57
	SEPT. .	14 6 18	13 16 16		AUG. .	12 8 44	12 13 17
	OCT. .	13 19 2	13 6 19		SEPT. .	10 21 23	10 22 19
	NOV. .	12 7 46	11 23 17		OCT. .	10 10 12	10 7 35
	DEC. .	11 20 30	11 18 20		NOV. .	8 22 56	8 17 40
					DEC. .	8 11 40	8 4 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1163. F. March. <i>d. h. m.</i> 14 15 5	JAN. .	<i>d. h. m.</i> 7 0 24	<i>d. h. m.</i> 6 17 9	A.D. 1166. B. March. <i>d. h. m.</i> 14 8 32	JAN. .	<i>d. h. m.</i> 3 15 34	<i>d. h. m.</i> 4 0 45
	FEB. .	5 13 8	5 6 41		FEB. .	2 4 18	2 12 0
	MAR. .	7 1 52	6 21 20		MAR. .	3 17 2	3 21 40
	APRIL	5 14 36	5 12 51		APRIL	2 5 46	2 6 14
	MAY .	5 3 20	5 4 43		MAY .	{ 1 18 30 31 7 14	1 14 21 30 22 57
	JUNE .	{ 3 16 4 18 10 26	3 20 15 18 5 18		JUNE .	29 19 58	29 9 5
	O				JULY .	29 8 42	28 21 29
	JULY .	3 4 48	3 10 49		AUG. .	27 21 26	27 12 27
	AUG. .	{ 1 17 32 31 6 16	1 23 59 31 11 52		SEPT. .	26 10 10	26 5 35
	SEPT. .	29 19 0	29 22 53		OCT. .	25 22 54	25 23 54
	OCT. .	29 7 44	29 9 33		NOV. .	24 11 38	24 18 3
	NOV. .	27 20 28	27 20 15		DEC. .	24 0 22	24 10 47
	O	{ 12 14 50 27 9 12	12 16 0 27 7 6	1167. A. 14 14 21	JAN. .	22 13 6	23 1 18
	DEC. .				FEB. .	21 1 50	21 13 17
1164. E.D. 13 20 51	JAN. .	25 21 56	25 18 11		MAR. .	22 14 35	22 22 58
	FEB. .	24 10 41	24 5 38		O	{ 6 8 57 21 3 19	6 10 8 21 6 56
	MAR. .	24 23 25	24 17 42		APRIL	20 16 3	20 14 2
	APRIL	23 12 9	23 6 45		MAY .	19 4 47	18 21 18
	MAY .	23 0 53	22 20 58		JUNE .	18 17 31	18 5 53
	O	{ 6 19 15 21 13 37	6 22 34 21 12 5		JULY .	17 6 15	16 16 47
	JUNE .	21 2 21	21 3 34		AUG. .	{ 15 18 59 30 13 21	15 6 36 30 15 15
	AUG. .	19 15 5	19 18 46		O		
	SEPT. .	18 3 49	18 9 12		OCT. .	15 7 43	14 23 20
	OCT. .	17 16 33	17 22 39		NOV. .	13 20 27	13 18 7
	NOV. .	{ 16 5 17 30 23 39	16 11 10 30 15 38		DEC. .	13 9 11	13 13 33
	O			1168. G.F. 18 20 10	JAN. .	11 21 55	12 7 56
	DEC. .	15 18 1	15 22 50		FEB. .	10 10 39	10 23 57
1165. C. 14 2 48	JAN. .	14 6 45	14 9 43		MAR. .	{ 10 23 23 25 17 45	11 13 1 25 12 40
	FEB. .	12 19 29	12 19 54		O		
	MAR. .	14 8 14	14 5 38		APRIL	9 12 7	9 23 13
	APRIL	12 20 58	12 15 26		MAY .	9 0 51	9 7 15
	MAY .	{ 12 9 42 27 4 4	12 2 4 27 14 10		JUNE .	7 13 35	7 14 4
	O				JULY .	7 2 19	6 20 46
	JUNE .	10 22 26	10 14 11		AUG. .	5 15 3	5 4 30
	JULY .	10 11 10	10 4 9		SEPT. .	{ 4 3 47 18 22 9	3 14 15 19 3 47
	AUG. .	8 23 54	8 19 47		O		
	SEPT. .	7 12 38	7 12 23		OCT. .	3 16 31	3 2 49
	OCT. .	7 1 22	7 5 8		NOV. .	2 5 15	1 13 27
	NOV. .	{ 5 14 6 20 8 23	5 21 7 19 21 3		DEC. .	{ 1 17 59 31 6 43	1 12 38 31 8 6
	O						
	DEC. .	5 2 50	5 11 47				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1169. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1172. B.A.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 14 1 58	JAN. .	29 19 27	30 3 12	March. <i>d. h. m.</i> 13 19 25	JAN. .	{ 12 16 16	13 3 45
	FEB. .	28 8 12	28 20 25		FEB. .	{ 27 10 38	27 8 59
	MAR. .	{ 15 2 34	14 22 11		MAR. .	25 23 22	25 17 48
	APRIL .	{ 29 20 56	30 10 43		APRIL .	26 12 6	26 8 37
	MAY .	28 9 40	28 22 0		MAY .	25 0 50	25 0 9
	JUNE .	27 22 24	28 6 57		JUNE .	24 18 31	24 15 49
	JULY .	26 11 8	26 14 5		JULY .	23 2 18	23 6 57
	AUG. .	25 23 52	25 20 58		O	{ 7 20 40	7 12 39
	SEPT. .	24 12 36	24 4 32		AUG. .	{ 22 15 2	22 20 59
	OCT. .	{ 8 6 58	8 9 28		SEPT. .	21 3 46	21 9 45
	NOV. .	{ 23 1 20	22 13 45		OCT. .	19 16 30	19 21 26
	DEC. .	22 14 4	22 1 17		NOV. .	19 5 14	19 8 30
		21 2 48	20 15 29		DEC. .	17 17 58	17 19 18
		20 15 32	20 8 11			17 6 42	17 6 8
1170. D.	JAN. .	19 4 17	19 2 31	1173. G.	JAN. .	{ 1 1 4	1 5 44
14 7 47	FEB. .	17 17 1	17 21 12	14 1 14	FEB. .	{ 15 19 26	15 17 11
	MAR. .	19 5 45	19 14 48		MAR. .	14 8 11	14 4 3
	APRIL .	17 18 29	18 6 11		APRIL .	15 20 55	15 15 28
	MAY .	17 7 13	17 18 54		MAY .	14 9 39	14 8 42
	JUNE .	15 19 57	16 5 7		JUNE .	18 22 23	18 17 6
	JULY .	15 8 41	15 13 37		JULY .	{ 12 11 7	12 7 40
	AUG. .	13 21 25	13 21 26		O	{ 27 5 29	27 5 38
	SEPT. .	12 10 9	12 5 33		AUG. .	11 23 51	11 23 4
	OCT. .	11 22 53	11 14 48		SEPT. .	10 12 35	10 14 39
	NOV. .	10 11 37	10 1 42		OCT. .	9 1 19	9 5 47
	DEC. .	10 0 21	9 14 32		NOV. .	8 14 3	8 20 2
					DEC. .	7 2 47	7 9 17
1171. C.	JAN. .	{ 8 13 5	8 5 17	1174. F.	JAN. .	5 4 15	5 8 50
14 13 36	O	{ 23 7 27	23 18 29	14 7 3	FEB. .	3 16 59	3 19 15
	FEB. .	7 1 49	6 21 34		MAR. .	5 5 43	5 4 56
	MAR. .	8 14 33	8 14 41		APRIL .	3 18 27	3 14 21
	APRIL .	7 3 17	7 7 42		MAY .	{ 3 7 11	3 0 12
	MAY .	6 16 1	6 23 39		O	{ 18 1 33	18 18 8
	JUNE .	5 4 45	5 13 48		JUNE .	1 19 55	1 11 20
	JULY .	{ 4 17 29	5 1 54		JULY .	{ 1 8 39	1 0 14
	O	{ 19 11 51	18 23 40		AUG. .	{ 30 21 23	30 15 6
	AUG. .	3 6 13	3 12 18		SEPT. .	29 10 7	29 7 28
	SEPT. .	1 18 57	1 21 45		OCT. .	27 22 51	28 0 30
	OCT. .	{ 1 7 41	1 7 3		NOV. .	27 11 35	27 17 15
	NOV. .	{ 30 20 25	30 16 51		DEC. .	{ 11 5 57	10 18 38
	DEC. .	29 9 9	29 3 31			{ 26 0 19	26 8 52
		28 21 53	28 15 14			25 13 8	25 22 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1175. E. March. d. h. m. 14 12 51		d. h. m.	d. h. m.	A.D. 1178. A. March. d. h. m. 14 6 18		d. h. m.	d. h. m.
	JAN. .	24 1 48	24 10 57		JAN. .	20 16 58	20 21 44
	FEB. .	22 14 32	22 21 15		FEB. .	19 5 42	19 15 57
	MAR. .	24 3 16	24 6 7		○	{ 6 0 4	5 21 2
	APRIL	22 16 0	22 14 8		MAR. .	{ 20 18 26	21 7 41
	○	{ 7 10 22	7 20 27		APRIL	19 7 10	19 20 24
	MAY .	{ 22 4 44	21 22 10		MAY .	18 19 54	19 6 18
	JUNE .	20 17 28	20 7 17		JUNE .	17 8 38	17 14 14
	JULY .	20 6 12	19 18 25		JULY .	16 21 22	16 21 16
	AUG. .	18 18 56	18 8 9		AUG. .	{ 15 10 6	15 4 30
	SEPT. .	17 7 40	17 0 24		○	{ 30 4 28	30 4 55
	OCT. .	{ 16 20 24	16 18 27		SEPT. .	13 22 50	13 12 55
	○	{ 31 14 46	31 8 27		OCT. .	13 11 34	12 23 20
	NOV. .	15 9 8	15 13 4		NOV. .	12 0 18	11 12 15
	DEC. .	14 21 52	15 6 49		DEC. .	11 13 2	11 3 43
1176. D.C. 13 18 40	JAN. .	13 10 37	13 22 36	1179. G. 14 12 7	JAN. .	10 1 46	9 21 14
	FEB. .	11 23 21	12 11 49		FEB. .	{ 8 14 30	8 15 43
	MAR. .	12 12 5	12 22 28		○	{ 23 8 52	23 12 48
	APRIL	{ 11 0 49	11 7 3		MAR. .	10 3 14	10 9 50
	○	{ 25 19 11	25 21 41		APRIL	8 15 58	9 2 19
	MAY .	10 13 33	10 14 18		MAY .	8 4 42	8 16 21
	JUNE .	9 2 17	8 21 17		JUNE .	6 17 26	7 3 47
	JULY .	8 15 1	8 5 2		JULY .	6 6 10	6 13 9
	AUG. .	7 3 45	6 14 39		AUG. .	{ 4 18 54	4 21 21
	SEPT. .	5 16 29	5 3 1		○	{ 19 13 16	19 5 5
	OCT. .	{ 5 5 13	4 18 25		SEPT. .	3 7 38	3 5 23
	○	{ 19 23 35	20 0 29		OCT. .	2 20 22	2 14 11
	NOV. .	3 17 57	3 12 27		NOV. .	{ 1 9 6	1 0 20
	DEC. .	8 6 41	8 7 51		○	{ 30 21 50	30 12 13
1177. B. 14 0 29	JAN. .	{ 1 19 25	2 2 59	1180. F.E. 13 17 56	JAN. .	28 23 18	28 17 17
	FEB. .	{ 31 8 9	31 20 19		○	{ 12 17 40	13 4 28
	MAR. .	...	...		FEB. .	{ 27 12 2	27 9 49
	APRIL	{ 1 20 53	2 10 50		MAR. .	28 0 47	28 2 48
	MAY .	{ 31 9 37	31 22 20		APRIL	26 13 31	26 19 15
	JUNE .	29 22 21	30 7 14		MAY .	26 2 15	26 10 18
	JULY .	27 23 49	27 21 5		JUNE .	24 14 59	24 23 29
	AUG. .	27 12 33	27 4 14		JULY .	24 3 43	24 10 52
	SEPT. .	26 1 17	25 12 54		○	{ 7 22 5	7 9 3
	OCT. .	24 14 1	24 0 5		AUG. .	{ 22 16 27	22 20 55
	NOV. .	22 15 29	22 7 18		SEPT. .	21 5 11	21 6 28
	DEC. .	22 4 13	22 2 18		OCT. .	20 17 55	20 16 9
					NOV. .	19 6 39	19 2 30
					DEC. .	18 19 23	18 13 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1181.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1184.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	17 8 8	17 1 47	A.G.	JAN. .	14 23 18	15 9 30
March.	FEB. .	15 20 52	15 14 49	March.	FEB. .	13 12 2	13 20 35
<i>d. h. m.</i>	MAR. .	17 9 36	17 4 50	<i>d. h. m.</i>	MAR. .	14 0 46	14 5 57
13 23 41	APRIL	15 22 20	15 19 48	13 17 11	APRIL	12 13 30	12 14 5
	MAY .	15 11 4	15 11 17		MAY .	12 2 14	11 21 49
	JUNE .	13 23 43	14 2 44		JUNE .	10 14 58	10 6 8
	JULY .	13 12 32	13 17 28		JULY .	10 3 42	9 16 4
	AUG. .	12 1 16	12 7 6		AUG. .	8 16 26	8 4 26
	SEPT. .	10 14 0	10 19 34		SEPT. .	7 5 10	6 19 31
	OCT. .	10 2 44	10 7 9		OCT. .	6 17 54	6 13 0
	NOV. .	8 15 23	8 18 16		NOV. .	5 6 38	5 7 41
	DEC. .	8 4 12	8 5 13		DEC. .	4 19 22	5 2 12
	O	22 22 34	22 23 58				
1182.	JAN. .	6 16 56	6 16 3	1185.	JAN. .	3 8 6	3 19 11
C	FEB. .	5 5 40	5 2 48	F.	FEB. .	1 20 50	2 9 42
14 5 33	MAR. .	6 13 24	6 13 42	13 23 0	MAR. .	3 9 34	3 21 31
	APRIL	5 7 8	5 1 10		APRIL	1 22 18	2 6 55
	MAY .	4 19 52	4 13 41		O	16 16 40	16 16 59
	JUNE .	3 8 36	3 3 30		MAY .	1 11 2	1 14 35
	O	18 2 53	18 5 59		JUNE .	30 23 46	30 21 23
	JULY .	2 21 20	2 18 31		JULY .	29 12 30	29 4 38
	AUG. .	1 10 4	1 10 12		AUG. .	29 1 14	28 13 12
	SEPT. .	30 22 48	31 1 51		SEPT. .	27 13 58	27 0 9
	OCT. .	29 11 32	29 16 54		O	26 2 42	25 14 8
	NOV. .	29 0 16	29 6 57		OCT. .	10 21 4	10 23 33
	NOV. .	27 13 0	27 19 54		OCT. .	25 15 26	25 7 2
	O	12 7 22	11 23 46		NOV. .	24 4 10	24 2 1
	DEC. .	27 1 44	27 7 45		DEC. .	23 16 54	23 21 32
1183.	JAN. .	25 14 29	25 18 33	1186.	JAN. .	22 5 39	22 15 53
B.	FEB. .	24 3 13	24 4 23	E.	FEB. .	20 18 23	21 7 56
14 11 22	MAR. .	25 15 57	25 13 38	14 4 49	MAR. .	22 7 7	22 20 50
	APRIL	24 4 41	23 22 55		O	6 1 29	5 19 59
	MAY .	23 17 25	23 9 4		APRIL	20 19 51	21 6 51
	O	7 11 47	7 21 21		MAY .	20 8 35	20 18 45
	JUNE .	22 6 9	21 20 53		JUNE .	18 21 19	18 21 31
	JULY .	21 18 53	21 10 46		JULY .	18 10 3	18 4 17
	AUG. .	20 7 37	20 2 34		AUG. .	16 22 47	16 12 9
	SEPT. .	18 20 21	18 19 35		SEPT. .	15 11 31	14 23 5
	OCT. .	18 9 5	18 12 51		O	30 5 53	30 11 21
	NOV. .	16 21 49	17 5 22		OCT. .	15 0 15	14 10 48
	O	1 16 11	1 5 35		NOV. .	13 12 59	13 2 31
	DEC. .	16 10 33	16 20 23		DEC. .	13 1 43	12 20 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1187. D. March. d. h. m. 14 10 37		d. h. m.	d. h. m.	A.D. 1190. G. March. d. h. m. 14 4 4		d. h. m.	d. h. m.
	JAN. .	11 14 28	11 16 1		JAN. .	{ 8 5 37	8 0 0
	FEB. .	10 3 12	10 10 56		○	{ 22 23 59	23 11 56
	MAR. .	{ 11 15 56	12 3 55		FEB. .	6 18 21	6 12 20
	○	{ 26 10 18	26 6 3		MAR. .	8 7 6	8 1 35
	APRIL	10 4 40	10 18 5		APRIL	6 19 50	6 15 48
	MAY .	9 17 24	10 5 17		MAY .	6 8 34	6 6 50
	JUNE .	8 6 8	8 14 6		JUNE .	4 21 18	4 22 17
	JULY .	7 18 52	7 21 31		JULY .	{ 4 10 2	4 13 30
	AUG. .	6 7 36	6 4 38		○	{ 19 4 24	18 20 6
	SEPT. .	{ 4 20 20	4 12 30		AUG. .	2 22 46	3 3 53
	○	{ 19 14 42	19 16 47		SEPT. .	1 11 30	1 17 12
	OCT. .	4 9 4	3 21 59		○	{ 1 0 14	1 5 29
	NOV. .	2 21 48	2 9 41		SEPT. .	{ 80 12 58	80 17 3
	DEC. .	{ 2 10 32	1 23 54		NOV. .	29 1 42	29 4 13
		{ 31 23 16	31 16 23		DEC. .	28 14 26	28 15 7
1188. C.D. 13 16 26	JAN. .	30 12 0	30 10 20	1191. F. 14 9 53	○	{ 12 8 43	12 13 39
	FEB. .	29 0 44	29 4 37		JAN. .	{ 27 3 10	27 1 48
	MAR. .	29 13 28	29 21 54		FEB. .	25 15 54	25 12 21
	APRIL	28 2 12	28 13 8		MAR. .	27 4 38	26 23 11
	MAY .	27 14 56	28 1 51		APRIL	25 17 22	25 10 51
	JUNE .	26 3 40	26 12 14		MAY .	25 6 6	24 23 47
	JULY .	25 16 24	25 21 8		JUNE .	23 18 50	23 14 7
	AUG. .	21 5 8	24 5 16		○	{ 8 13 12	8 13 6
	SEPT. .	22 17 52	22 13 47		JULY .	{ 23 7 34	23 5 35
	OCT. .	22 6 36	21 23 21		AUG. .	21 20 13	21 21 32
	NOV. .	20 19 20	20 10 26		SEPT. .	20 9 2	20 13 15
	DEC. .	20 8 4	19 23 11		OCT. .	19 21 46	20 4 7
1189. A. 13 22 15	JAN. .	18 20 49	18 13 36	1192. E.D. 13 15 42	JAN. .	16 11 59	16 17 43
	○	{ 2 15 11	3 8 1		FEB. .	15 0 43	15 3 52
	FEB. .	{ 17 9 33	17 5 21		MAR. .	15 13 27	15 13 7
	MAR. .	18 22 17	18 21 57		APRIL	14 2 11	13 22 2
	APRIL	17 11 1	17 14 32		MAY .	{ 13 14 55	13 7 26
	MAY .	16 23 45	17 6 17		○	{ 28 9 17	28 20 10
	JUNE .	15 12 29	15 20 29		JUNE .	12 3 39	11 18 10
	JULY .	{ 15 1 13	15 8 53		JULY .	11 16 23	11 6 56
	○	{ 29 19 35	29 6 50		AUG. .	10 5 7	9 21 51
	AUG. .	13 13 57	13 19 44		SEPT. .	8 17 51	8 14 31
	SEPT. .	12 2 41	12 5 41		OCT. .	8 6 35	8 8 2
	OCT. .	11 15 23	11 15 30		NOV. .	{ 6 19 19	7 1 13
	NOV. .	10 4 9	10 1 39		○	{ 21 13 41	21 3 11
	DEC. .	9 16 53	9 12 23		DEC. .	6 8 3	6 17 21

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1193. c. March. d. h. m. 13 21 30		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1196. G.F. March. d. h. m. 13 14 57		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	4 20 48	5 7 32		JAN. .	2 11 57	2 10 16
	FEB. .	3 9 32	3 19 35		FEB. .	1 0 41	1 5 28
	MAR. .	4 22 16	5 5 36		MAR. O	1 13 25	1 23 29
	APRIL	3 11 0	3 14 6			16 7 47	16 5 7
	MAY .	2 23 44	2 21 44			31 2 9	31 15 1
	O	17 18 6	18 3 10		APRIL	29 14 53	30 3 38
	JUNE .	1 12 28	1 5 28		MAY .	29 8 37	29 13 32
		1 1 12	80 14 23		JUNE .	27 16 21	27 21 36
	JULY .	30 18 56	30 1 26		JULY .	27 5 5	27 4 50
	AUG. .	29 2 40	28 15 14		AUG. .	25 17 49	25 12 21
	SEPT. .	27 15 24	27 7 44		O	9 12 11	9 12 1
	OCT. .	27 4 8	27 2 7		SEPT. .	24 6 33	23 21 6
	O	10 22 30	10 17 15		OCT. .	23 19 17	23 7 44
	NOV. .	25 16 52	25 21 4		NOV. .	22 8 1	21 20 43
	DEC. .	25 5 36	25 15 5		DEC. .	21 20 45	21 12 3
1194. B. 14 3 19	JAN. .	23 18 20	24 6 56	1197. E. 13 20 46	JAN. .	20 9 30	20 5 14
	FEB. .	22 7 4	22 20 4		FEB. .	18 22 14	18 23 18
	MAR. .	23 19 48	24 6 29		O	5 16 36	5 21 12
	APRIL	22 8 32	22 14 36		MAR. .	20 10 58	20 17 1
	O	7 2 54	7 4 17		APRIL	18 23 42	19 9 16
	MAY .	21 21 16	21 21 50		MAY .	18 12 26	18 23 14
	JUNE .	20 10 0	20 4 39		JUNE .	17 1 10	17 10 48
	JULY .	19 22 44	19 12 22		JULY .	16 13 54	16 20 27
	AUG. .	18 11 23	17 22 3		AUG. .	15 2 38	15 5 1
	SEPT. .	17 0 12	16 10 32		O	29 21 0	29 12 5
	OCT. .	16 12 56	16 2 6		SEPT. .	18 15 22	18 13 29
	O	31 7 18	31 9 7		OCT. .	13 4 6	12 22 40
	NOV. .	15 1 40	14 20 17		NOV. .	11 16 50	11 9 4
	DEC. .	14 14 24	14 15 47		DEC. .	11 5 34	10 20 58
1195. A. 14 9 8	JAN. .	13 3 9	13 11 0	1198. D. 14 2 35	JAN. .	9 18 19	9 10 27
	FEB. .	11 15 53	12 4 16		FEB. .	8 7 3	8 1 20
	MAR. .	13 4 37	13 13 40		O	23 1 25	23 12 51
	APRIL	11 17 21	12 5 59		MAR. .	9 19 47	9 17 18
	MAY .	11 6 5	11 14 45		APRIL	8 8 31	8 9 45
	JUNE .	9 18 49	9 21 56		MAY .	7 21 15	8 1 53
	JULY .	9 7 33	9 4 33		JUNE .	6 9 59	6 16 54
	AUG. .	7 20 17	7 11 51		JULY .	5 22 48	6 6 18
	SEPT. .	6 9 1	5 20 43		AUG. .	4 11 27	4 18 6
	OCT. .	5 21 45	5 8 5		O	19 5 49	18 16 18
	NOV. .	4 10 29	3 22 23		SEPT. .	3 0 11	3 4 41
	DEC. .	3 23 13	3 15 24		OCT. .	2 12 55	2 14 44
					NOV. .	1 1 39	1 0 52
						30 14 28	30 11 27
					DEC. .	30 8 7	29 22 35

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1199. C. March. d. h. m. 14 8 23		d. h. m.	d. h. m.	A.D. 1202. F. March. d. h. m. 14 1 50		d. h. m.	d. h. m.
	JAN. .	28 15 51	28 10 22		JAN. .	25 7 1	25 18 6
	FEB. .	27 4 35	26 22 50		FEB. .	23 19 45	24 5 0
	MAR. .	28 17 19	28 12 14		MAR. .	25 8 29	25 14 2
	APRIL .	27 6 3	27 2 38		APRIL .	23 21 13	23 21 49
	MAY .	26 18 47	26 17 47		MAY .	23 9 57	23 5 14
	JUNE .	25 7 31	25 9 11		JUNE .	21 22 41	21 13 19
	JULY .	24 20 15	25 0 10		JULY .	21 11 25	20 23 7
	AUG. .	23 8 59	23 14 17		AUG. .	20 0 9	19 11 32
	SEPT. .	21 21 43	22 3 21		SEPT. .	18 12 53	18 2 50
	OCT. .	21 10 27	21 15 32		OCT. .	18 1 37	17 20 32
	NOV. .	19 23 11	20 3 6		NOV. .	16 14 21	16 15 33
	DEC. .	19 11 55	19 14 11		DEC. .	16 3 5	16 10 20
1200. B.A. 13 14 12	○	{ 3 6 18	3 7 54	1203. E. 14 7 39	JAN. .	14 15 50	15 3 28
	JAN. .	{ 18 0 40	18 0 55		FEB. .	13 4 34	13 17 53
	FEB. .	16 13 24	16 11 18		MAR. .	14 17 18	15 5 36
	MAR. .	17 2 8	16 21 40		APRIL .	{ 13 6 2	13 14 45
	APRIL .	15 14 52	15 8 34		○	{ 28 0 24	27 23 44
	MAY .	15 3 36	14 20 34		MAY .	12 18 46	12 22 12
	JUNE .	{ 13 16 20	13 10 4		JUNE .	11 7 30	11 4 56
	○	{ 28 10 42	28 13 26		JULY .	10 20 14	10 12 2
	JULY .	13 5 4	13 1 1		AUG. .	9 8 58	8 20 38
	AUG. .	11 17 48	11 16 56		SEPT. .	7 21 42	7 7 41
	SEPT. .	10 6 32	10 9 5		OCT. .	{ 7 10 26	6 21 49
	OCT. .	9 19 16	10 0 43		○	{ 22 4 48	22 8 3
	NOV. .	8 8 0	8 15 20		NOV. .	5 23 10	5 14 52
	DEC. .	{ 7 20 41	8 4 40		DEC. .	5 11 54	5 9 57
	○	{ 22 15 6	22 7 57				
1201. G. 13 20 1	JAN. .	6 9 29	6 16 38	1204. D.G. 13 13 23	JAN. .	4 0 39	4 5 32
	FEB. .	4 22 13	5 3 16		FEB. .	2 13 23	2 23 55
	MAR. .	6 10 57	6 12 43		MAR. .	3 2 7	3 15 45
	APRIL .	4 23 41	4 21 30		APRIL .	{ 1 14 51	2 4 29
	MAY .	4 12 25	4 6 19		○	{ 16 9 13	16 3 12
	JUNE .	{ 3 1 9	2 16 6		MAY .	{ 1 3 35	1 14 22
	○	{ 17 19 31	18 4 31		JUNE .	{ 30 16 19	30 22 11
	JULY .	2 18 53	{ 2 8 39		JULY .	29 5 3	29 4 59
	AUG. .	{ 1 2 37	{ 31 17 29		AUG. .	28 17 47	28 11 53
	SEPT. .	{ 30 15 21	30 9 30		SEPT. .	27 6 31	26 19 56
	OCT. .	29 4 5	29 2 56		○	{ 10 13 37	10 19 41
	NOV. .	28 16 49	28 20 41		NOV. .	{ 25 7 59	24 13 57
	○	{ 11 23 55	11 14 13		DEC. .	23 20 43	23 10 41
	DEC. .	{ 26 18 17	27 4 59			23 9 27	23 4 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1205. B. March. <i>d. h. m.</i> 13 19 16		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1208. F.E. March. <i>d. h. m.</i> 13 12 43		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	21 22 11	21 23 50		JAN. .	19 13 21	19 8 45
	FEB. .	20 10 55	20 18 29		○	{ 3 7 43	3 20 31
	MAR. .	21 23 39	22 11 15		FEB. .	{ 18 2 5	17 20 36
	○	{ 5 18 1	5 13 49		MAR. .	18 14 49	18 9 14
	APRIL	{ 20 12 23	21 1 27		APRIL	17 3 33	16 22 50
	MAY .	20 1 7	20 12 29		MAY .	16 16 17	16 13 26
	JUNE .	18 13 51	18 21 23		JUNE .	15 5 1	15 4 42
	JULY .	18 2 35	18 4 59		JULY .	{ 14 17 45	14 20 8
	AUG. .	16 15 19	16 12 23		○	{ 29 12 7	29 3 37
	SEPT. .	{ 15 4 3	14 20 35		AUG. .	13 6 29	13 10 51
	○	{ 29 22 25	30 0 11		SEPT. .	11 19 13	12 0 44
	OCT. .	14 16 47	14 6 22		OCT. .	11 7 57	11 13 38
	NOV. .	13 5 31	12 13 13		NOV. .	9 20 41	10 1 43
	DEC. .	12 18 15	12 8 21		DEC. .	9 9 25	9 13 9
1206. A. 14 1 5	JAN. .	11 7 0	11 0 32	1209. D. 13 18 32	JAN. .	{ 7 22 9	8 0 4
	FEB. .	9 19 44	9 13 4		○	{ 22 16 31	22 21 30
	MAR. .	11 8 23	11 11 55		FEB. .	6 10 53	6 10 26
	APRIL	9 21 12	10 4 50		MAR. .	7 23 33	7 20 33
	MAY .	9 9 56	9 19 57		APRIL	6 12 22	6 6 50
	JUNE .	7 22 40	8 8 45		MAY .	6 1 6	5 17 56
	JULY .	7 11 24	7 19 23		JUNE .	4 13 50	4 6 28
	AUG. .	6 0 8	6 4 34		JULY .	{ 4 2 34	3 20 39
	SEPT. .	4 12 52	4 13 12		○	{ 18 20 56	18 20 38
	OCT. .	4 1 36	3 22 9		AUG. .	2 15 18	2 12 14
	NOV. .	2 14 20	2 8 4		SEPT. .	{ 1 4 2	1 4 33
	DEC. .	{ 2 3 4	1 19 15		○	{ 30 16 46	30 20 48
		{ 31 15 43	31 7 50		OCT. .	30 5 30	30 12 17
					NOV. .	23 13 14	29 2 30
					DEC. .	23 6 53	23 15 15
1207. G. 14 6 54	JAN. .	30 4 32	29 21 49	1210. C. 14 0 21	JAN. .	26 19 42	27 2 23
	○	{ 13 22 54	14 11 22		FEB. .	25 8 26	25 12 19
	FEB. .	{ 28 17 16	23 13 1		MAR. .	26 21 10	26 21 10
	MAR. .	30 6 0	30 5 2		APRIL	25 9 54	25 5 37
	APRIL	28 18 44	28 21 13		MAY .	24 22 33	24 14 35
	MAY .	23 7 23	23 12 49		JUNE .	23 11 22	23 1 2
	JUNE .	26 20 12	27 3 8		JULY .	23 0 6	22 13 40
	JULY .	26 8 56	26 15 54		AUG. .	21 12 50	21 4 41
	○	{ 10 3 18	9 14 6		SEPT. .	20 1 34	19 21 41
	AUG. .	{ 24 21 40	25 3 16		OCT. .	19 14 13	19 15 30
	SEPT. .	23 10 24	23 13 46		NOV. .	18 3 2	18 9 24
	OCT. .	22 23 8	23 0 3		○	{ 2 21 24	2 11 53
	NOV. .	21 11 52	21 10 32		DEC. .	{ 17 15 46	18 1 43
	DEC. .	21 0 36	20 21 24				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1211. D. March. d. h. m. 14 6 9		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1214. E. March. d. h. m. 13 23 35		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 4 30	16 16 6		JAN. .	12 19 41	12 18 12
	FEB. .	14 17 14	15 4 2		FEB. .	11 8 25	11 13 8
	MAR. .	16 5 59	16 13 49		MAR. .	12 21 9	13 6 51
	APRIL	14 18 43	14 21 57		O	27 15 31	27 13 6
	MAY .	14 7 27	14 5 17		APRIL	11 9 53	11 22 14
	O	29 1 49	29 9 48		MAY .	10 22 37	11 10 46
	JUNE .	12 20 11	12 12 46		JUNE .	9 11 21	9 20 45
	JULY .	12 8 55	11 21 32		JULY .	9 0 5	9 4 59
	AUG. .	10 21 39	10 8 33		AUG. .	7 12 49	7 12 29
	SEPT. .	9 10 23	8 22 27		SEPT. .	6 1 33	5 20 22
	OCT. .	8 23 7	8 15 10		O	20 19 55	20 19 55
	NOV. .	7 11 51	7 9 52		OCT. .	5 14 17	5 5 25
	O	22 6 13	22 2 8		NOV. .	4 3 1	3 16 18
	DEC. .	7 0 35	7 5 5		DEC. .	3 15 43	3 5 17
1212. A.G. 13 11 58	JAN. .	5 13 20	5 23 13	1215. D. 14 5 24	JAN. .	2 4 30	1 20 24
	FEB. .	4 2 4	4 15 11		FEB. .	31 17 14	31 13 10
	MAR. .	4 14 48	5 4 10		...	...	...
	APRIL	3 3 32	3 14 22		MAR. O	2 5 58	2 6 44
	MAY .	2 16 16	2 22 26		O	17 0 20	17 5 25
	O	17 10 33	17 10 50		APRIL	31 18 42	1 0 3
	JUNE .	1 5 0	1 5 19		MAY .	30 7 26	30 16 4
	JULY .	30 17 44	30 12 4		JUNE .	29 20 10	30 6 2
	AUG. .	30 6 28	29 19 48		JULY .	28 8 54	28 17 48
	SEPT. .	28 19 12	28 5 36		AUG. .	27 21 33	28 3 47
	OCT. .	27 7 56	26 18 14		O	26 10 22	26 12 48
	O	26 20 40	26 9 57		SEPT. .	10 4 44	9 19 12
	NOV. .	10 15 2	10 17 53		OCT. .	24 23 6	24 21 44
	DEC. .	25 9 24	25 4 14		NOV. .	24 11 50	24 7 17
		21 22 8	24 23 46		DEC. .	23 0 34	22 17 55
1213. F. 13 17 47	JAN. .	23 10 52	23 18 54	1216. C.B. 13 11 13	JAN. .	21 2 2	20 18 53
	FEB. .	21 23 36	22 12 4		FEB. .	19 14 46	19 9 15
	MAR. .	23 12 20	24 2 18		O	5 9 8	5 21 3
	APRIL	22 1 4	22 13 29		MAR. .	20 3 30	20 0 36
	MAY .	21 13 48	21 22 10		APRIL	18 16 14	18 16 33
	JUNE .	20 2 32	20 5 21		MAY .	18 4 58	18 8 24
	JULY .	19 15 16	19 12 6		JUNE .	16 17 42	16 23 26
	AUG. .	18 4 0	17 19 33		JULY .	16 6 26	16 13 8
	SEPT. .	16 16 44	16 4 40		AUG. .	14 19 10	15 1 24
	OCT. .	16 5 28	15 16 14		O	29 13 32	28 23 41
	NOV. .	14 18 12	14 6 35		SEPT. .	13 7 54	13 12 32
	DEC. .	14 6 56	13 23 32		OCT. .	12 20 38	12 23 8
					NOV. .	11 9 22	11 9 40
					DEC. .	10 22 6	10 20 24

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1217.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1220.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				E.D.			
March.	JAN. .	9 10 51	9 7 26	March.	JAN. .	7 2 1	7 13 31
<i>d. h. m.</i>	FEB. .	7 23 35	7 18 49	<i>d. h. m.</i>	FEB. .	5 14 45	6 2 37
13 17 2	MAR. .	9 12 19	9 6 44	13 10 23	MAR. .	6 3 29	6 13 18
	APRIL	8 1 3	7 19 32		APRIL	4 16 13	4 22 1
	MAY .	7 13 47	7 9 21		MAY .	4 4 57	4 5 28
	JUNE .	6 2 31	6 0 15		JUNE .	2 17 41	2 12 37
	JULY .	5 15 15	5 15 39		JULY .	{ 2 6 25	1 20 32
	AUG. .	4 3 59	4 6 57			{ 31 19 9	31 6 18
	SEPT. .	2 16 43	2 21 35		AUG. .	30 7 53	29 18 47
		{ 2 5 27	2 11 16		SEPT. .	28 20 37	28 10 14
	OCT. .	{ 31 18 11	{ 1 0 1		OCT. .	28 9 21	28 4 13
	NOV. .	30 6 55	30 11 57		NOV. .	26 22 5	26 23 29
	DEC. .	29 19 39	29 23 8		DEC. .	26 10 49	26 18 28
	○	{ 13 14 2	13 15 49				
1218.	JAN. .	{ 23 8 24	23 9 41	1221.	JAN. .	24 23 34	25 11 40
G.	FEB. .	26 21 8	26 19 41	C.	FEB. .	23 12 18	21 2 5
13 22 51	MAR. .	28 9 52	28 5 32	13 16 17	MAR. .	25 1 2	25 13 31
	APRIL	26 22 36	26 15 53		APRIL	23 13 46	23 22 27
	MAY .	26 11 20	26 3 25		MAY .	23 2 30	23 5 43
	JUNE .	25 0 4	24 16 33		JUNE .	21 15 14	21 12 21
	○	{ 9 13 26	9 20 53		JULY .	21 3 58	20 19 28
	JULY .	{ 24 12 48	24 7 36		AUG. .	19 16 42	19 4 10
	AUG. .	23 1 32	22 23 48		SEPT. .	18 5 26	17 15 24
	SEPT. .	21 14 16	21 16 26		OCT. .	17 18 10	17 5 39
	OCT. .	21 3 0	21 8 39		○	{ 1 12 32	1 16 40
	NOV. .	19 15 44	19 23 48		NOV. .	{ 16 6 54	15 22 49
	DEC. .	19 4 23	19 13 27		DEC. .	15 19 33	15 17 57
	○	{ 2 22 50	2 16 7				
1219.	JAN. .	{ 17 17 12	18 1 25	1222.	JAN. .	14 8 22	14 13 27
F.	FEB. .	16 5 56	16 11 50	B.	FEB. .	12 21 6	13 7 42
14 4 40	MAR. .	17 18 40	17 20 55	13 22 6	MAR. .	14 9 50	14 23 22
	APRIL	16 7 24	16 5 16		APRIL	{ 12 22 34	13 11 59
	MAY .	15 20 8	15 13 39		○	{ 27 16 56	27 10 20
	JUNE .	{ 14 8 52	13 23 5		MAY .	12 11 18	12 21 47
	○	{ 29 3 14	29 11 39		JUNE .	11 0 2	11 5 35
	JULY .	13 21 36	13 10 29		JULY .	10 12 46	10 12 23
	AUG. .	12 10 20	12 0 20		AUG. .	9 1 30	8 19 32
	SEPT. .	10 23 4	10 16 32		SEPT. .	7 14 14	7 3 50
	OCT. .	10 11 48	10 10 22		OCT. .	{ 7 2 58	6 14 12
	NOV. .	9 0 32	9 4 37		○	{ 21 21 20	22 3 46
	DEC. .	{ 8 13 16	8 21 59		NOV. .	5 15 42	5 3 13
	○	{ 23 7 33	22 22 51		DEC. .	5 4 26	4 18 55

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1223.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1226.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	3 17 11	3 12 46	March.	JAN. .	29 21 5	29 17 24
<i>d. h. m.</i>	FEB. .	2 5 55	2 7 35	<i>d. h. m.</i>	○	13 15 27	14 3 57
14 3 55	MAR. .	3 18 39	4 1 55	13 21 21	FEB. .	28 9 49	28 4 45
	APRIL	2 7 23	2 18 27		MAR. .	29 22 33	29 16 47
	○	17 1 45	16 21 29		APRIL	28 11 17	28 5 48
	MAY .	1 20 7	2 8 22		MAY .	28 0 1	27 20 0
		31 8 51	31 19 35		JUNE .	26 12 45	26 11 8
	JUNE .	29 21 35	30 4 40		JULY .	26 1 29	26 2 40
	JULY .	29 10 19	29 12 33		○	9 19 51	9 11 15
	AUG. .	27 23 3	27 20 18		AUG. .	24 14 13	24 17 55
	SEPT. .	26 11 47	26 4 51		SEPT. .	23 2 57	23 8 24
	○	11 6 9	11 7 44		OCT. .	22 15 41	22 21 55
	OCT. .	26 0 31	25 14 53		NOV. .	21 4 25	21 10 27
	NOV. .	24 13 15	24 2 51		DEC. .	20 17 9	20 22 6
	DEC. .	24 1 59	23 16 50				
1224.	JAN. .	22 14 43	22 8 39	1227.	JAN. .	19 5 53	19 8 55
G.F.	FEB. .	21 3 27	21 1 41	C.	○	3 0 15	3 5 15
18 9 41	MAR. .	21 16 11	21 19 2	14 3 10	FEB. .	17 18 37	17 19 0
	APRIL	20 4 55	20 11 39		MAR. .	19 7 21	19 4 37
	MAY .	19 17 30	20 2 40		APRIL	17 20 5	17 14 20
	JUNE .	18 6 23	18 15 35		MAY .	17 8 49	17 0 53
	JULY .	17 19 7	18 2 33		JUNE .	15 21 33	15 13 8
	AUG. .	16 7 51	16 12 10		JULY .	15 10 17	15 3 12
	SEPT. .	14 20 35	14 21 16		○	30 4 39	30 4 12
	OCT. .	14 9 19	14 6 40		AUG. .	13 23 1	13 13 57
	NOV. .	12 22 3	12 16 51		SEPT. .	12 11 45	12 11 40
	DEC. .	12 10 47	12 4 6		OCT. .	12 0 29	12 4 29
					NOV. .	10 13 13	10 20 31
1225.	JAN. .	10 23 32	10 16 29	1228.	JAN. .	8 14 42	9 0 2
E.	FEB. .	9 12 16	9 6 0	B.A.	FEB. .	7 3 26	7 11 8
13 15 33	○	24 6 38	24 19 37	13 8 59	MAR. .	7 16 10	7 20 41
	MAR. .	11 1 0	10 20 35		APRIL	6 4 54	6 5 5
	APRIL	9 13 44	9 12 2		MAY .	5 17 38	5 13 8
	MAY .	9 2 23	9 3 50		JUNE .	4 6 22	3 21 45
	JUNE .	7 15 12	7 19 18		JULY .	3 19 6	3 7 58
	JULY .	7 3 56	7 9 49		AUG. .	2 7 50	1 20 32
	AUG. .	5 16 40	5 22 59			31 20 34	31 11 41
	○	20 11 2	19 21 32		SEPT. .	30 9 18	30 4 59
	SEPT. .	4 5 24	4 10 55		OCT. .	29 22 2	29 23 24
	OCT. .	3 18 8	3 21 59		NOV. .	28 10 46	28 17 34
	NOV. .	2 6 52	2 8 44		○	13 5 8	12*20 38
	DEC. .	1 19 36	1 19 29		DEC. .	27 23 30	28 10 15
		31 8 20	31 6 20				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1229.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1232.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.	JAN. .	26 12 15	27 0 37	D.C.	JAN. .	24 3 25	24 2 4
March.	FEB. .	25 0 59	25 12 24	March.	FEB. .	22 16 9	22 20 38
<i>d. h. m.</i>	MAR. .	26 13 43	26 21 53	<i>d. h. m.</i>	MAR. .	23 4 53	23 14 8
13 14 48	APRIL	25 2 27	25 5 43	13 8 14	O	{ 6 23 15	6 20 57
	MAY .	24 15 11	24 12 46		APRIL	{ 21 17 37	22 5 16
	O	{ 8 9 33	8 16 25		MAY .	21 6 21	21 17 48
	JUNE .	23 3 55	22 20 4		JUNE .	19 19 5	20 3 55
	JULY .	22 16 39	22 4 45		JULY .	19 7 49	19 12 24
	AUG. .	21 5 23	20 15 49		AUG. .	17 20 33	17 20 16
	SEPT. .	19 18 7	19 5 52		SEPT. .	16 9 17	16 4 31
	OCT. .	19 6 51	18 22 48		O	{ 1 3 39	1 2 37
	NOV. .	17 19 35	17 17 42		OCT. .	{ 15 22 1	15 13 55
	O	{ 2 13 57	2 11 4		NOV. .	14 10 45	14 0 57
	DEC. .	17 8 19	17 13 9		DEC. .	13 23 29	13 13 54
1230.	JAN. .	15 21 3	16 7 25	1233.	JAN. .	12 12 13	12 4 48
F.	FEB. .	14 9 47	14 23 16	B.	FEB. .	11 0 57	10 20 58
13 20 37	MAR. .	15 22 31	16 12 6	13 14 3	MAR. .	{ 12 13 41	12 14 2
	APRIL	14 11 15	14 22 6		O	{ 27 8 3	27 13 29
	MAY .	{ 13 23 59	14 5 59		APRIL	11 2 25	11 6 56
	O	{ 28 18 21	28 17 19		MAY .	10 15 9	10 22 44
	JUNE .	12 12 43	12 12 45		JUNE .	9 3 53	9 12 46
	JULY .	12 1 27	11 19 30		JULY .	8 16 37	9 0 47
	AUG. .	10 14 11	10 3 21		AUG. .	7 5 21	7 11 11
	SEPT. .	9 2 55	8 13 13		SEPT. .	{ 5 18 5	5 20 41
	OCT. .	8 13 39	8 2 5		O	{ 20 12 27	20 2 28
	NOV. .	{ 7 4 23	6 17 54		OCT. .	5 6 49	5 6 6
	O	{ 21 22 45	22 2 42		NOV. .	3 19 33	3 16 2
	DEC. .	6 17 7	6 12 13		DEC. .	3 8 17	3 2 47
1231.	JAN. .	5 5 52	5 7 43	1234.	JAN. .	{ 1 21 2	1 14 32
E.	FEB. .	3 18 36	4 2 43	A.	FEB. .	{ 31 9 46	31 8 17
14 2 26	MAR. .	5 7 20	5 19 42		...	...	...
	APRIL	3 20 4	4 9 47		MAR. O	{ 1 22 30	1 17 8
	MAY .	3 8 48	3 20 52			{ 16 16 52	17 5 7
	JUNE .	1 21 32	2 5 31			{ 31 11 14	31 7 49
	JULY .	{ 1 10 16	1 12 46		APRIL	29 23 58	29 23 16
		{ 30 23 0	30 19 43		MAY .	29 12 42	29 14 54
	AUG. .	29 11 44	29 3 26		JUNE .	28 1 26	28 5 50
	SEPT. .	28 0 28	27 12 49		JULY .	27 14 10	27 20 1
	OCT. .	27 13 12	27 0 32		AUG. .	26 2 54	26 8 47
	NOV. .	26 1 56	25 14 56		O	{ 9 21 16	9 7 14
	DEC. .	25 14 40	25 7 43		SEPT. .	{ 24 15 38	24 20 32
					OCT. .	24 4 22	24 7 40
					NOV. .	22 17 6	22 18 32
					DEC. .	22 5 50	22 5 28

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1235. G. March. d. h. m. 14 1 41		d. h. m.	d. h. m.	A.D. 1238. C. March. d. h. m. 13 19 7		d. h. m.	d. h. m.
	JAN. .	20 18 35	20 16 15		○	{ 2 15 22	2 7 30
	FEB. .	19 7 19	19 3 12		JAN. .	{ 17 9 44	17 21 57
	MAR. .	20 20 3	20 14 32		FEB. .	15 22 28	16 10 59
	APRIL	19 8 47	19 2 44		MAR. .	17 11 12	17 21 27
	MAY .	18 21 31	18 16 7		APRIL	15 23 56	16 5 51
	JUNE .	17 10 15	17 6 43		MAY .	15 12 40	15 13 1
	JULY .	16 22 59	16 22 9		JUNE .	{ 14 1 24	13 19 58
	AUG. .	15 11 43	15 13 48		○	{ 28 19 46	29 2 38
	SEPT. .	14 0 27	14 4 59		JULY .	13 14 8	13 3 48
	OCT. .	13 13 11	13 19 18		AUG. .	12 2 52	11 13 36
	NOV. .	12 1 55	12 8 35		SEPT. .	10 15 36	10 2 10
	DEC. .	11 14 39	11 20 49		OCT. .	10 4 20	9 17 47
					NOV. .	8 17 4	8 11 59
					DEC. .	8 5 48	8 7 27
1236. F.E. 18 7 30	JAN. .	{ 10 3 23	10 8 3				
	○	{ 24 21 45	24 23 37	1239. B. 14 0 56	JAN. .	6 18 33	7 2 33
	FEB. .	8 16 7	8 18 22		FEB. .	5 7 17	5 19 43
	MAR. .	9 4 51	9 3 57		MAR. .	6 20 1	7 10 1
	APRIL	7 17 35	7 13 17		APRIL	5 8 45	5 21 17
	MAY .	7 6 19	6 23 6		MAY .	4 21 29	5 6 1
	JUNE .	5 19 8	5 10 14		JUNE .	3 10 13	3 13 10
	JULY .	{ 5 7 47	4 23 15		JULY .	2 22 57	2 19 48
	○	{ 20 2 9	20 4 22				
	AUG. .	3 20 31	3 14 15		AUG. .	{ 1 11 41	1 3 0
	SEPT. .	2 9 15	2 6 44			{ 31 0 25	30 11 52
	OCT. .	{ 1 21 59	1 23 52		SEPT. .	29 13 9	28 23 15
		{ 31 10 43	31 16 40		OCT. .	29 1 53	28 13 39
	NOV. .	29 23 27	30 8 16		○	{ 12 20 15	13 1 20
	DEC. .	29 12 11	29 22 9		NOV. .	{ 27 14 37	27 6 51
					DEC. .	27 3 21	27 1 54
1237. D. 18 13 19	○	{ 13 6 33	13 0 16	1240. A.G. 18 6 45	JAN. .	25 16 5	25 21 17
	JAN. .	{ 28 0 56	28 10 9		FEB. .	24 4 49	24 15 19
	FEB. .	26 13 40	26 20 18		MAR. .	24 17 34	25 6 50
	MAR. .	28 2 24	28 5 1		APRIL	23 6 13	23 19 21
	APRIL	26 15 8	26 12 56		○	{ 8 0 40	7 17 24
	MAY .	26 3 52	25 20 57		MAY .	{ 22 19 2	23 5 5
	JUNE .	24 16 36	24 6 7		JUNE .	21 7 46	21 12 56
	○	{ 9 10 58	9 18 49		JULY .	20 20 30	20 20 0
	JULY .	{ 24 5 20	23 17 24		AUG. .	19 9 14	19 3 20
	AUG. .	22 18 4	22 7 18		SEPT. .	17 21 58	17 11 55
	SEPT. .	21 6 48	20 23 45		OCT. .	17 10 42	16 22 31
	OCT. .	20 19 32	20 17 56		○	{ 1 5 4	1 11 58
	NOV. .	19 8 16	19 12 36		NOV. .	{ 15 23 26	15 11 37
	DEC. .	18 21 0	19 6 19		DEC. .	15 12 10	15 3 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1241. F. March. d. h. m. 13 12 34		d. h. m.	d. h. m.	A.D. 1244. C.B. March. d. h. m. 13 6 0		d. h. m.	d. h. m.
	JAN. .	14 0 54	13 20 46		JAN. .	11 16 4	11 15 16
	FEB. .	12 13 33	12 15 12		FEB. .	{ 10 4 48	10 1 57
	MAR. .	14 2 22	14 9 11		○	{ 24 23 10	25 11 43
	APRIL	{ 12 15 6	13 1 23		MAR. .	10 17 32	10 12 47
	○	{ 27 9 23	27 5 2		APRIL	9 6 16	9 0 11
	MAY .	12 3 50	12 15 20		MAY .	8 19 0	8 12 42
	JUNE .	10 16 34	11 2 38		JUNE .	7 7 44	7 2 32
	JULY .	10 5 18	10 11 56		JULY .	6 20 28	6 17 36
	AUG. .	8 18 2	8 20 9		AUG. .	{ 5 9 12	5 9 21
	SEPT. .	7 6 46	7 4 18		○	{ 20 3 34	19 19 0
	OCT. .	{ 6 19 30	6 13 14		SEPT. .	3 21 56	4 1 4
	○	{ 21 13 52	21 15 24		OCT. .	3 10 40	3 16 10
	NOV. .	5 8 14	4 23 32		NOV. .	1 23 24	2 6 15
	DEC. .	4 20 58	4 11 33		DEC. .	{ 1 12 8	1 19 12
						{ 31 0 52	31 7 0
1242. E. 13 18 23	JAN. .	3 9 43	3 1 21	1245. A. 13 11 49	JAN. .	29 13 36	29 17 42
	FEB. .	1 22 27	1 16 42		○	{ 13 7 53	13 12 51
	MAR. .	3 11 11	3 9 12		FEB. .	{ 28 2 21	28 3 26
	APRIL	1 23 55	2 2 3		MAR. .	29 15 5	29 12 34
	MAY .	{ 1 12 39	1 18 22		APRIL	28 3 49	27 21 47
		{ 31 1 23	31 9 19		MAY .	27 16 33	27 7 58
	JUNE .	29 14 7	29 22 25		JUNE .	26 5 17	25 19 51
	JULY .	29 2 51	29 9 46		JULY .	25 18 1	25 9 51
	AUG. .	27 15 35	27 19 52		○	{ 9 12 23	9 11 54
	SEPT. .	26 4 19	26 5 29		AUG. .	{ 24 6 45	24 1 47
	OCT. .	25 17 3	25 15 17		SEPT. .	22 19 29	22 18 55
	NOV. .	24 5 47	24 1 44		OCT. .	22 8 13	22 12 17
	DEC. .	23 18 31	23 12 59		NOV. .	20 20 57	21 4 49
					DEC. .	20 9 41	20 19 46
1243. D. 14 0 12	JAN. .	22 7 16	22 1 5	1246. G. 13 17 38	JAN. .	18 22 26	19 8 45
	FEB. .	20 20 0	20 14 4		FEB. .	17 11 10	17 19 41
	○	{ 7 14 22	8 3 43		MAR. .	18 23 54	19 4 53
	MAR. .	{ 22 8 44	22 4 2		APRIL	17 12 38	17 12 54
	APRIL	20 21 23	20 18 56		MAY .	17 1 22	16 20 34
	MAY .	20 10 12	20 10 22		JUNE .	15 14 6	15 4 55
	JUNE .	18 22 56	19 1 47		JULY .	15 2 50	14 14 53
	JULY .	18 11 40	18 16 31		AUG. .	13 15 34	13 3 31
	AUG. .	{ 17 0 24	17 6 9		SEPT. .	12 4 18	11 18 50
	○	{ 31 13 46	31 5 6		OCT. .	11 17 2	11 12 27
	SEPT. .	15 13 8	15 18 39		NOV. .	10 5 46	10 7 14
	OCT. .	15 1 52	15 6 19		DEC. .	{ 9 18 30	10 1 45
	NOV. .	13 14 36	13 17 30		○	{ 24 12 52	24 5 25
	DEC. .	13 3 20	13 4 23				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1247. F. March. <i>d. h. m.</i> 13 23 26		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1250. B. March. <i>d. h. m.</i> 13 16 53		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	8 7 14	8 18 36		JAN. .	4 22 21	4 15 53
	FEB. .	6 19 58	7 8 58		FEB. .	3 11 8	3 9 49
	MAR. .	8 8 42	8 20 36		MAR. .	4 23 52	5 4 0
	APRIL .	6 21 26	7 5 47		APRIL .	{ 3 12 36	3 21 7
	MAY .	6 10 10	6 13 20		○	{ 18 6 58	18 4 40
	JUNE .	{ 4 22 51	4 20 11		MAY .	3 1 20	3 12 11
	○	{ 19 17 16	19 22 57		JUNE .	1 14 4	2 0 45
	JULY .	4 11 38	4 3 23		JULY .	{ 1 2 43	1 11 4
	AUG. .	3 0 22	{ 2 12 5		○	{ 80 15 32	30 19 52
			{ 31 23 14		AUG. .	29 4 16	29 4 8
	SEPT. .	1 13 6	30 13 26		SEPT. .	27 17 0	27 12 46
	○	{ 1 1 50			○	{ 12 11 22	12 10 5
	OCT. .	{ 30 11 31	30 6 32		OCT. .	{ 27 5 44	26 22 31
	NOV. .	29 3 18	29 1 37		NOV. .	25 18 28	25 9 42
	○	{ 13 21 40	13 20 1		DEC. .	25 7 12	24 22 32
	DEC. .	{ 24 16 2	23 21 9				
1248. E.D. 13 5 15	JAN. .	27 4 47	27 15 26	1251. A. 13 22 42	JAN. .	23 19 56	23 12 57
	FEB. .	25 17 31	26 7 11		FEB. .	22 8 41	22 4 42
	MAR. .	26 6 15	26 19 52		MAR. .	23 21 25	23 21 18
	APRIL .	24 18 59	25 5 42		○	{ 7 15 47	7 21 26
	MAY .	21 7 43	21 13 27		APRIL .	{ 22 10 9	22 13 43
	○	{ 8 2 5	7 23 47		MAY .	21 22 53	22 5 21
	JUNE .	{ 22 20 27	22 20 13		JUNE .	20 11 37	20 19 28
	JULY .	22 0 11	22 3 2		JULY .	20 0 21	20 7 49
	AUG. .	20 21 55	20 11 2		AUG. .	18 13 5	18 18 41
	SEPT. .	19 10 39	18 21 10		SEPT. .	17 1 49	17 4 42
	OCT. .	18 23 23	18 10 6		○	{ 1 20 11	1 9 55
	NOV. .	17 12 7	17 2 0		OCT. .	{ 16 14 33	16 14 36
	○	{ 2 6 29	2 11 31		NOV. .	15 3 17	15 0 51
	DEC. .	{ 17 0 51	16 20 15		DEC. .	14 16 1	14 11 44
1240. C. 13 11 4	JAN. .	15 18 35	15 15 31	1252. G.F. 13 4 31	JAN. .	13 4 45	12 23 16
	FEB. .	14 2 19	14 10 22		FEB. .	11 17 29	11 11 34
	MAR. .	15 15 8	16 3 9		MAR. .	{ 12 6 13	12 0 45
	APRIL .	14 3 47	14 17 6		○	{ 27 0 35	27 13 0
	MAY .	13 16 31	14 4 7		APRIL .	10 18 57	10 14 55
	JUNE .	12 5 15	12 12 49		MAY .	10 7 41	10 5 54
	JULY .	11 17 59	11 20 13		JUNE .	8 20 25	8 21 20
	AUG. .	10 6 43	10 3 25		JULY .	8 9 9	8 12 31
	SEPT. .	8 19 27	8 11 26		AUG. .	6 21 53	7 2 57
	OCT. .	8 8 11	7 21 4		SEPT. .	{ 5 10 37	5 16 17
	NOV. .	6 20 55	6 8 58		○	{ 20 4 59	19 14 57
	DEC. .	6 9 39	5 23 19		OCT. .	4 23 21	5 4 33
					NOV. .	3 12 5	3 16 15
					DEC. .	3 0 49	3 3 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1253. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1256. B.A.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 1 13 33 31 2 17	1 14 21 31 0 56	○	{ 13 23 6 28 17 28	13 16 8 29 6 18	
March. <i>d. h. m.</i> 13 10 19	FEB. .	...	...	March. <i>d. h. m.</i> 13 3 46	FEB. .	27 6 12	27 19 12
	MAR. .	{ 1 15 2 31 3 46	1 11 27 30 22 12		MAR. .	27 18 56	28 5 26
	APRIL	29 16 30	29 9 49		APRIL	26 7 40	26 13 34
	MAY .	29 5 14	28 22 46		MAY .	25 20 24	25 20 32
	JUNE .	27 17 58	27 13 11	○	JUNE .	24 9 8	24 3 21
	JULY .	27 6 42	27 4 44	{ 9 3 30 23 21 52	JULY .	9 9 19 23 11 10	
	AUG. .	25 19 26	25 20 44	AUG. .	22 10 36	21 21 2	
	SEPT. .	24 8 10	24 12 30	SEPT. .	20 23 20	20 9 44	
	OCT. .	23 20 54	24 3 25	OCT. .	20 12 4	20 1 33	
	NOV. .	22 9 38	22 17 12	NOV. .	19 0 48	18 19 52	
	DEC. .	21 22 22	22 5 42	DEC. .	18 13 32	18 15 29	
1254. D.	JAN. .	20 11 7	20 16 55	1257. G.	JAN. .	17 2 17	17 10 33
	○	{ 4 5 29 18 23 51	4 7 20 19 2 57		FEB. .	15 15 1	16 3 37
13 16 8	MAR. .	20 12 35	20 12 4	13 9 35	MAR. .	17 3 45	17 17 48
	APRIL	19 1 19	18 20 55		APRIL	15 16 29	16 4 54
	MAY .	18 14 3	18 6 17		MAY .	15 5 13	15 13 31
	JUNE .	17 2 47	16 17 5		JUNE .	13 17 57	13 20 37
	JULY .	{ 16 15 31 31 9 53	16 5 56 31 11 56		JULY .	13 6 41	13 3 17
	○	15 4 15	14 21 1		AUG. .	11 19 25	11 10 40
	AUG. .	13 16 59	13 13 50		SEPT. .	10 8 9	9 19 43
	SEPT. .	13 5 43	13 7 27		OCT. .	9 20 53	9 7 18
	OCT. .	11 18 27	12 0 46		NOV. .	{ 8 9 37 23 3 59	7 21 48 23 10 5
	NOV. .	11 7 11	11 16 46	○	DEC. .	7 22 21	7 14 57
	DEC. .						
1255. C.	JAN. .	{ 9 19 55 21 14 17	10 6 50 24 8 22	1258. F.	JAN. .	6 11 5	6 9 51
	○	8 8 39	8 18 43	13 15 24	FEB. .	4 23 49	5 4 59
13 21 57	FEB. .	9 21 23	10 4 35		MAR. .	6 12 33	6 22 49
	MAR. .	8 10 7	8 12 55		APRIL	5 1 17	5 14 10
	APRIL	7 22 51	7 20 29		MAY .	{ 4 14 1 19 8 23	5 2 33 19 0 25
	MAY .	6 11 35	6 4 13	○	JUNE .	3 2 45	3 12 20
	JUNE .	{ 6 0 19 20 18 41	5 13 12 21 2 0		JULY .	2 15 29	2 20 19
	JULY .	4 13 3	4 0 25		AUG. .	{ 1 4 13 30 16 57	1 3 36 30 11 14
	AUG. .	3 1 47	2 14 25		SEPT. .	29 5 41	28 20 8
	SEPT. .	2 14 31	2 7 6		OCT. .	23 18 25	23 6 58
	OCT. .	{ 1 3 15 30 15 59	1 1 38 30 20 38	○	NOV. .	{ 12 12 47 27 7 9	12 20 13 26 20 6
	NOV. .	30 4 43	30 14 34	DEC. .	DEC. .	26 19 53	26 11 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1259. E. March. d. h. m. 13 21 12		d. h. m.	d. h. m.	A.D. 1262. A. March. d. h. m. 13 14 39		d. h. m.	d. h. m.
	JAN. .	25 8 38	25 4 44		JAN. .	21 23 48	22 0 6
	FEB. .	23 21 22	23 22 43		FEB. .	20 12 32	20 10 24
	MAR. .	25 10 6	25 16 19		○ {	7 6 54	7 19 21
	APRIL	23 22 50	24 8 22		MAR. .	22 1 16	21 20 42
	○ {	8 17 12	8 12 32		APRIL	20 14 0	20 7 33
	MAY .	23 11 31	23 22 11		MAY .	20 2 44	19 19 33
	JUNE .	22 0 18	22 9 40		JUNE .	18 15 28	18 9 5
	JULY .	21 18 2	21 19 16		JULY .	18 4 12	18 0 7
	AUG. .	20 1 46	20 8 52		AUG. .	16 16 56	16 16 8
	SEPT. .	18 14 30	18 12 27		○ {	31 11 18	31 2 53
	OCT. .	18 8 14	17 21 46		SEPT. .	15 5 40	15 8 21
	○ {	1 21 36	1 23 10		OCT. .	14 18 24	15 0 3
	NOV. .	16 15 58	16 8 19		NOV. .	18 7 8	18 14 42
	DEC. .	16 4 42	15 20 17		DEC. .	12 19 52	13 4 0
1260. D.C. 18 8 1	JAN. .	14 17 27	14 9 40	1263. G. 18 20 28	JAN. .	11 8 36	11 15 53
	FEB. .	18 6 11	18 0 41		FEB. .	9 21 20	10 2 22
	MAR. .	18 18 55	18 16 35		○ {	24 15 41	24 20 20
	APRIL	12 7 39	12 8 57		MAR. .	11 10 4	11 11 42
	MAY .	11 20 28	12 0 59		APRIL	9 22 48	9 20 22
	JUNE .	10 9 7	10 15 55		MAY .	9 11 32	9 5 8
	JULY .	9 21 51	10 5 16		JUNE .	8 0 16	7 14 56
	AUG. .	8 10 35	8 17 3		JULY .	7 13 0	7 2 36
	SEPT. .	6 23 19	7 3 41		AUG. .	6 1 44	5 16 35
	OCT. .	6 12 3	6 13 49		○ {	20 20 6	20 19 40
	NOV. .	5 0 47	5 0 3		SEPT. .	4 14 28	4 8 45
	DEC. .	4 13 31	4 10 41		OCT. .	4 3 12	4 2 18
					NOV. .	2 15 56	2 20 9
1261. B. 18 8 50	JAN. .	8 2 15	2 21 51		DEC. .	2 4 40	2 13 8
	FEB. .	1 14 59	1 9 31		{	31 17 24	...
	MAR. .	8 3 48	2 22 2	1264. F.E. 18 2 17	JAN. .	80 6 8	30 17 19
	○ {	17 22 5	18 11 37		FEB. .	28 18 52	29 4 2
	APRIL	1 16 27	1 11 22		MAR. .	29 7 37	29 12 56
	MAY .	1 5 11	1 1 43		APRIL	27 20 21	27 20 36
	{	80 17 55	80 16 50		MAY .	27 9 5	27 3 58
	JUNE .	29 6 39	29 8 13		JUNE .	25 21 49	25 12 5
	JULY .	28 19 23	28 23 14		JULY .	25 10 33	24 22 2
	AUG. .	27 8 7	27 13 24		AUG. .	23 23 17	23 10 33
	○ {	11 2 29	10 12 49		SEPT. .	22 12 1	22 2 8
	SEPT. .	25 20 51	26 2 30		OCT. .	22 0 45	21 20 2
	OCT. .	25 9 35	25 14 45		NOV. .	20 13 29	20 15 8
	NOV. .	23 22 19	24 2 20		DEC. .	20 2 13	20 9 53
	DEC. .	23 11 3	23 13 23				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1265. D.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1268. A.G. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 13 8 5	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . Nov. . DEC. . ○	{ 3 20 35 18 14 57 17 3 41 18 16 26 17 5 10 16 17 54 { 15 6 33 80 1 0 14 19 22 13 8 6 11 20 50 11 9 34 9 22 18 { 9 11 2 21 5 24	3 14 10 19 2 53 17 17 11 19 4 37 17 13 35 16 20 54 15 3 37 30 5 31 14 10 47 12 19 32 11 6 49 10 21 9 9 14 24 9 9 35 24 5 1	13 1 32	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . Nov. . DEC. .	16 6 8 14 18 52 15 7 36 { 13 20 20 28 14 42 13 9 4 11 21 48 11 10 32 9 23 16 8 12 0 { 8 0 44 22 19 6 6 13 23 6 2 12	16 0 2 14 17 32 15 11 15 14 4 2 28 12 19 13 18 59 12 7 39 11 18 14 10 3 25 8 12 8 7 21 13 22 17 42 6 7 15 5 18 32
1266. C. 13 13 54	JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . Nov. . ○ DEC. .	7 23 46 6 12 30 8 1 14 6 13 58 6 2 42 { 4 15 26 19 9 48 4 4 10 2 16 54 { 1 5 38 30 18 22 30 7 6 28 19 50 { 13 14 12 28 8 34	8 5 7 6 23 20 8 14 57 7 3 28 6 13 11 4 20 53 19 6 13 4 3 40 { 2 10 37 31 18 50 30 5 10 29 18 15 28 10 10 13 20 27 28 4 17	1269. F. 13 7 21	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . Nov. . DEC. .	4 14 56 3 3 40 4 16 24 { 3 5 8 17 23 30 2 17 52 { 1 6 36 80 19 20 30 8 4 28 20 48 27 9 32 { 12 8 54 23 22 16 25 11 0 21 23 44	4 7 10 2 21 10 4 12 19 3 4 15 18 5 15 2 20 21 1 11 52 { 1 2 7 30 14 52 29 2 16 27 12 50 11 17 30 26 23 12 25 9 46 24 20 40
1267. B. 13 19 43	JAN. . FEB. . MAR. . APRIL MAY . ○ JUNE . JULY . AUG. . SEPT. . OCT. . Nov. . DEC. .	26 21 19 25 10 3 26 22 47 25 11 31 25 0 15 { 8 18 37 23 12 59 23 1 43 21 14 27 20 3 11 19 15 55 18 4 39 17 17 23	26 23 23 25 17 54 27 10 28 26 0 13 25 11 18 8 9 42 23 20 7 23 3 45 21 11 14 19 19 35 19 5 30 17 17 31 17 7 47	1270. E. 13 13 10	JAN. . FEB. . MAR. . ○ APRIL MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . Nov. . DEC. .	23 12 29 22 1 18 23 13 57 { 7 8 19 22 2 41 21 15 25 20 4 9 19 16 58 18 5 37 16 18 21 { 1 12 43 16 7 5 14 19 49 14 8 33	23 7 58 21 19 46 23 8 21 7 20 43 21 21 55 21 12 30 20 3 45 19 19 8 18 9 58 16 23 54 30 22 51 16 12 50 15 0 53 14 12 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1271.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1274.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				O.			
March.	JAN. .	12 21 18	12 23 16	March.	JAN. .	9 12 28	9 22 48
<i>d. h. m.</i>	FEB. .	11 10 2	11 9 35	<i>d. h. m.</i>	○	24 6 50	24 0 42
13 18 58	MAR. .	12 22 46	12 19 35	18 12 25	FEB. .	8 1 12	8 14 30
	APRIL .	11 11 30	11 5 47		MAR. .	9 13 56	10 8 16
	MAY .	11 0 14	10 16 52		APRIL .	8 2 40	8 18 16
	JUNE .	9 12 58	9 5 27		MAY .	7 15 24	7 21 12
	JULY .	9 1 42	8 19 42		JUNE .	6 4 8	6 4 1
	AUG. .	7 14 26	7 11 23		JULY .	5 16 52	5 10 47
	SEPT. .	6 8 10	6 3 49		○	20 11 14	20 16 2
	OCT. .	5 15 54	5 20 8		AUG. .	4 5 36	3 18 33
	NOV. .	4 4 38	4 11 38		SEPT. .	2 18 20	2 4 36
	DEC. .	3 17 22	4 1 51		OCT. .	2 7 4	1 17 29
						31 19 43	31 9 25
1272.	JAN. .	2 6 6	2 14 31	1275.	JAN. .	28 10 0	23 18 25
E.D.	FEB. .	13 18 50	1 1 39	P.	FEB. .	26 22 44	27 11 23
13 0 47	MAR. .	1 7 34	1 11 21	13 18 14	MAR. .	28 11 28	29 1 23
	APRIL .	13 20 18	10 20 8		APRIL .	27 0 12	27 12 21
	MAY .	23 21 46	23 18 25		MAY .	26 12 56	26 20 55
	JUNE .	27 10 30	26 23 56		JUNE .	25 1 40	25 4 2
	JULY .	26 23 14	26 12 42		JULY .	24 14 24	24 10 50
	○	10 17 36	10 19 31		AUG. .	23 8 8	22 18 25
	AUG. .	25 11 58	25 8 54		SEPT. .	21 15 52	21 8 43
	SEPT. .	24 0 42	23 21 8		OCT. .	21 4 36	20 15 29
	OCT. .	23 18 26	23 15 7		NOV. .	19 17 20	19 6 1
	NOV. .	22 2 10	22 8 54		○	4 11 42	4 18 49
	DEC. .	21 14 54	22 1 14		DEC. .	19 6 4	18 28 5
1273.	JAN. .	20 8 39	20 15 25	1276.	JAN. .	17 18 49	17 17 46
A.	○	8 22 1	8 16 24	E.D.	FEB. .	16 7 38	16 12 36
13 0 30	FEB. .	14 16 23	19 8 10	13 0 8	MAR. .	16 20 17	17 6 9
	MAR. .	20 5 7	20 12 46		APRIL .	15 9 1	15 21 18
	APRIL .	18 17 51	18 20 46		MAY .	14 21 43	15 9 41
	MAY .	18 6 35	18 4 0		○	29 16 7	29 7 24
	JUNE .	16 19 19	16 11 30		JUNE .	18 10 20	18 19 38
	JULY .	16 8 3	15 20 22		JULY .	12 23 13	13 8 48
	○	31 2 25	31 9 14		AUG. .	11 11 57	11 11 17
	AUG. .	14 20 47	14 7 34		SEPT. .	10 0 41	9 19 17
	SEPT. .	13 9 31	12 21 42		OCT. .	9 18 25	9 4 31
	OCT. .	12 22 15	12 14 38		NOV. .	8 2 9	7 15 33
	NOV. .	11 10 59	11 9 25		○	22 20 31	23 4 32
	DEC. .	10 23 48	11 4 41		DEC. .	7 14 58	7 4 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1277. c. March. d. h. m. 13 5 51		d. h. m.	d. h. m.	A.D. 1280. G.F. March. d. h. m. 12 23 18		d. h. m.	d. h. m.
	JAN. .	6 3 37	5 19 51		JAN. .	3 18 48	3 22 24
	FEB. .	4 16 21	4 12 35		FEB. .	2 7 32	2 8 51
	MAR. .	6 5 5	6 6 6		MAR. .	{ 2 20 15	2 18 43
	APRIL	4 17 49	4 23 17		○	{ 17 14 37	18 2 46
	MAY .	{ 4 6 33	4 15 8		APRIL	{ 1 8 59	1 4 30
	○	{ 19 0 55	18 19 57			{ 30 21 43	30 14 48
	JUNE .	2 19 17	3 4 58		MAY .	30 10 27	30 2 20
	JULY .	{ 2 8 1	2 16 40		JUNE .	28 23 11	28 15 39
	AUG. .	30 9 29	{ 30 11 42		JULY .	28 11 55	28 6 42
	SEPT. .	28 22 13	28 20 45		AUG. .	27 0 39	26 23 0
	OCT. .	28 10 57	28 6 26		○	{ 10 19 1	10 10 54
	○	{ 12 5 19	12 6 59		SEPT. .	{ 25 13 23	25 15 44
	NOV. .	{ 26 23 41	26 17 9		OCT. .	25 2 7	25 8 1
	DEC. .	26 12 25	26 5 4		NOV. .	23 14 51	23 23 10
					DEC. .	23 3 35	23 12 45
1278. B. 13 11 40	JAN. .	25 1 10	24 18 13	1281. E. 13 5 7	JAN. .	21 16 20	22 0 39
	FEB. .	23 13 54	23 8 32		FEB. .	20 5 4	20 10 55
	MAR. .	25 2 33	24 23 51		○	{ 6 23 26	7 3 42
	APRIL	23 15 22	23 15 42		MAR. .	{ 21 17 48	21 19 52
	MAY .	23 4 6	23 7 29		APRIL	20 6 32	20 4 5
	JUNE .	21 16 50	21 22 28		MAY .	19 19 16	19 12 27
	JULY .	21 5 34	21 12 8		JUNE .	18 8 0	17 21 56
	AUG. .	19 18 13	20 0 23		JULY .	17 20 44	17 9 23
	SEPT. .	18 7 2	18 11 35		AUG. .	{ 16 9 28	15 23 28
	OCT. .	17 19 46	17 22 15		○	{ 31 3 50	31 3 35
	NOV. .	16 8 30	16 8 53		SEPT. .	14 22 12	14 15 51
	DEC. .	15 21 14	15 19 40		OCT. .	14 10 56	14 9 49
					NOV. .	12 23 40	13 4 7
					DEC. .	12 12 24	12 21 29
1279. A. 13 17 29	JAN. .	14 9 58	14 6 40	1282. D. 13 10 56	JAN. .	11 1 8	11 12 52
	FEB. .	12 22 42	12 17 59		FEB. .	9 13 52	10 1 48
	MAR. .	{ 14 11 27	14 5 52		MAR. .	11 2 37	11 12 19
	○	{ 29 5 49	29 19 23		APRIL	9 15 21	9 20 52
	APRIL	13 0 11	12 18 36		MAY .	9 4 5	9 4 13
	MAY .	12 12 55	12 8 27		JUNE .	7 16 49	7 11 21
	JUNE .	11 1 39	10 23 17		JULY .	7 5 33	6 19 19
	JULY .	10 14 23	10 14 44		AUG. .	5 18 17	5 5 15
	AUG. .	9 3 7	9 6 3		SEPT. .	4 7 1	3 17 55
	SEPT. .	{ 7 15 51	7 20 45		OCT. .	3 19 45	3 9 36
	○	{ 22 10 13	21 20 43		NOV. .	2 8 29	2 3 45
	OCT. .	7 4 35	7 10 29		DEC. .	{ 1 21 13	1 23 5
	NOV. .	5 17 19	5 23 17			{ 31 9 57	31 18 1
	DEC. .	5 6 3	5 11 12				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1283.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1286.		<i>d. h. m.</i>	<i>d. h. m.</i>
<i>c.</i>	○	{ 15 4 19	14 22 55	<i>f.</i>	JAN. .	26 13 51	26 8 6
March.	JAN. .	{ 29 22 41	30 11 2	March.	FEB. .	25 2 35	25 1 5
<i>d. h. m.</i>	FEB. .	28 11 25		<i>d. h. m.</i>	MAR. .	26 15 19	26 18 20
13 16 44	MAR. .	30 0 9	{ 1 1 15 30 12 29	13 10 11	APRIL .	25 4 3	25 10 48
	APRIL	28 12 53	28 21 14	○	{ 9 22 25	9 19 53	
	MAY .	28 1 37	28 4 25	MAY .	{ 24 16 47	25 1 41	
	JUNE .	26 14 21	26 11 1	JUNE .	23 5 31	23 14 30	
	○	{ 11 8 43	11 12 4	JULY .	22 18 15	23 1 25	
	JULY .	{ 26 3 5	25 18 14	AUG. .	21 6 59	21 11 3	
	AUG. .	24 15 49	24 3 7	SEPT. .	19 19 43	19 20 16	
	SEPT. .	23 4 33	22 14 32	OCT. .	19 8 27	19 5 46	
	OCT. .	22 17 17	22 5 2	○	{ 3 2 49	3 1 24	
	NOV. .	21 6 1	20 22 21	NOV. .	{ 17 21 11	17 16 4	
	DEC. .	20 18 45	20 17 33	DEC. .	17 9 55	17 8 22	
1284.	○	{ 4 13 8	4 13 57	1287.	JAN. .	15 22 40	15 15 47
<i>b.a.</i>	JAN. .	{ 19 7 30	19 13 1	<i>e.</i>	FEB. .	14 11 24	14 5 16
12 22 33	FEB. .	17 20 14	18 7 5	13 16 0	MAR. .	16 0 8	15 19 49
	MAR. .	18 8 58	18 22 33	APRIL	{ 14 12 52	14 11 12	
	APRIL	16 21 42	17 10 57	○	{ 29 7 14	29 12 58	
	MAY .	16 10 26	16 20 31	MAY .	14 1 36	14 2 56	
	JUNE .	{ 14 23 10	15 4 16	JUNE .	12 14 20	12 18 21	
	○	{ 29 17 32	29 12 43	JULY .	12 3 4	12 8 49	
	JULY .	14 11 54	14 11 10	AUG. .	10 15 43	10 22 0	
	AUG. .	13 0 38	12 18 20	SEPT. .	9 4 32	9 9 57	
	SEPT. .	11 13 22	11 2 49	OCT. .	{ 8 17 16	8 21 7	
	OCT. .	11 2 6	10 13 22	○	{ 23 11 38	23 1 14	
	NOV. .	9 14 50	9 2 34	NOV. .	7 6 0	7 7 56	
	DEC. .	{ 9 3 34	8 18 26	DEC. .	6 18 44	6 18 48	
	○	{ 23 21 56	24 5 19	1288.	JAN. .	5 7 29	5 5 36
1285.	JAN. .	7 16 19	7 12 19	<i>d.c.</i>	FEB. .	3 20 18	3 16 36
<i>g.</i>	FEB. .	6 5 8	6 7 6	12 21 49	MAR. .	4 8 57	4 3 58
13 4 22	MAR. .	7 17 47	8 1 17	APRIL	{ 2 21 41	2 15 50	
	APRIL	6 6 31	6 17 38	○	{ 17 16 3	18 4 21	
	MAY .	5 19 15	6 7 21	MAY .	{ 2 10 23	2 4 30	
	JUNE .	{ 4 7 59	4 18 23	{ 31 23 9	31 19 3		
	○	{ 19 2 21	18 16 32	JUNE .	30 11 53	30 10 14	
	JULY .	3 20 43	4 3 25	JULY .	30 0 37	30 1 47	
	AUG. .	{ 2 9 27	2 11 20	AUG. .	28 13 21	28 17 5	
	{ 31 22 11	31 19 10		SEPT. .	27 2 5	27 7 37	
	SEPT. .	30 10 55	30 3 53	○	{ 11 20 27	11 6 54	
	OCT. .	29 23 39	29 14 5	OCT. .	{ 26 14 49	26 21 11	
	NOV. .	28 12 23	28 2 10	NOV. .	25 3 33	25 9 44	
	DEC. .	23 1 7	27 16 16	DEC. .	24 16 17	24 21 21	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1289.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1292.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				F.E.			
March.	JAN. .	23 5 1	23 8 6	March.	JAN. .	20 20 11	21 6 53
<i>d. h. m.</i>	FEB. .	21 17 45	21 18 4	<i>d. h. m.</i>	○	{ 4 14 33	4 9 12
13 3 37	MAR. .	23 6 29	23 3 35	12 21 4	FEB. .	{ 19 8 55	19 22 32
	APRIL	21 19 13	21 13 16		MAR. .	19 21 39	20 11 9
	MAY .	21 7 57	20 23 51		APRIL	18 10 23	18 20 57
	JUNE .	19 20 41	19 12 6		MAY .	17 23 7	18 4 43
	JULY .	19 9 25	19 2 16		JUNE .	16 11 51	16 11 26
	AUG. .	17 22 9	17 18 8		JULY .	{ 16 0 35	15 18 11
	SEPT. .	16 10 53	16 10 59		○	{ 30 18 57	30 22 47
	OCT. .	15 23 37	16 3 52		AUG. .	14 18 19	14 2 18
	NOV. .	14 12 21	14 19 55		SEPT. .	13 2 3	12 12 21
	DEC. .	14 1 5	14 10 30		OCT. .	12 14 47	12 1 22
					NOV. .	11 8 31	10 17 25
1290.	JAN. .	12 13 50	12 23 19		DEC. .	10 16 15	10 11 49
A.	FEB. .	{ 11 2 34	11 10 16	1293.	JAN. .	9 5 0	9 7 20
	○	{ 25 20 56	25 22 25	D.	FEB. .	7 17 41	8 2 11
13 9 26	MAR. .	12 15 18	12 19 40	13 2 53	MAR. .	9 6 28	9 18 59
	APRIL	11 4 2	11 3 56		APRIL	7 19 12	8 8 50
	MAY .	10 16 46	10 11 56		MAY .	7 7 56	7 19 43
	JUNE .	9 5 30	8 20 34		JUNE .	5 20 40	6 4 16
	JULY .	8 18 14	8 6 52		JULY .	5 9 24	5 11 29
	AUG. .	{ 7 6 58	6 19 36		AUG. .	3 22 8	3 18 30
	○	{ 22 1 20	22 3 19		SEPT. .	2 10 52	2 2 20
	SEPT. .	5 19 42	5 10 57		OCT. .	{ 1 23 36	1 11 54
	OCT. .	5 8 26	5 4 25		{ 31 12 20	30 23 49	
	NOV. .	3 21 10	3 22 55		NOV. .	30 1 4	29 14 22
	DEC. .	3 9 54	3 17 6		○	{ 14 19 26	15 3 39
					DEC. .	{ 29 13 48	29 7 15
1291.	JAN. .	{ 1 22 38	2 9 41	1294.	JAN. .	23 2 32	23 1 35
G.	FEB. ○	{ 31 11 22	31 23 53	C.	FEB. .	26 15 16	26 20 2
		15 5 44	15 0 20		MAR. .	28 4 0	28 13 18
13 15 15	MAR. .	{ 2 0 6	2 11 28	13 8 42	APRIL	26 16 44	27 4 18
		{ 31 12 50	31 20 47		MAY .	26 5 28	26 16 40
	APRIL	30 1 34	30 4 23		○	{ 9 23 50	9 14 22
	MAY .	29 14 18	29 11 26		JUNE .	{ 21 18 12	25 2 41
	JUNE .	28 3 2	27 18 43		JULY .	24 6 56	24 11 9
	JULY .	27 15 46	27 3 36		AUG. .	22 19 40	22 19 6
	○	{ 11 10 8	11 16 30		SEPT. .	21 8 24	21 3 29
	AUG. .	{ 26 4 30	25 14 51		OCT. .	20 21 8	20 13 2
	SEPT. .	24 17 14	24 5 8		NOV. .	19 9 52	19 0 13
	OCT. .	24 5 58	23 22 15		○	{ 4 4 14	4 12 52
	NOV. .	22 18 42	22 17 18		DEC. .	{ 18 22 36	18 13 16
	DEC. .	22 7 26	22 12 44				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1295. B. March. d. h. m. 13 14 30		d. h. m.	d. h. m.	A.D. 1298. E. March. d. h. m. 13 7 57		d. h. m.	d. h. m.
	JAN. .	17 11 21	17 4 17		JAN. .	14 2 31	14 7 16
	FEB. .	16 0 5	15 20 22		FEB. .	12 15 15	12 17 29
	MAR. .	17 12 49	17 13 21		MAR. .	14 3 59	14 2 57
	APRIL	16 1 33	16 6 8		○	28 22 21	29 10 5
	MAY .	15 14 17	15 21 49		APRIL	12 16 43	12 12 12
	○	30 8 39	30 3 20		MAY .	12 5 27	11 21 59
	JUNE .	14 3 1	14 11 43		JUNE .	10 18 11	10 9 10
	JULY .	13 15 45	13 23 41		JULY .	10 6 55	9 22 17
	AUG. .	12 4 29	12 10 5		AUG. .	8 19 39	8 13 23
	SEPT. .	10 17 13	10 19 39		SEPT. .	7 8 23	7 6 1
	OCT. .	10 5 57	10 5 10		○	22 2 45	21 19 4
	NOV. .	8 18 41	8 15 11		OCT. .	6 21 7	6 23 15
	○	23 13 3	23 14 56		NOV. .	5 9 51	5 16 6
	DEC. .	8 7 25	8 2 3		DEC. .	4 22 35	5 7 41
1296. A.G. 12 20 19	JAN. .	6 20 10	6 13 49	1299. D. 13 13 46	JAN. .	3 11 20	3 21 30
	FEB. .	5 8 54	5 2 34		FEB. .	2 0 4	2 9 20
	MAR. .	5 21 38	5 16 17		MAR. .	3 12 48	3 19 20
	APRIL	4 10 22	4 6 59		○	18 7 10	18 10 54
	MAY .	3 23 6	3 22 24		APRIL	2 1 32	2 3 54
	○	18 17 28	18 20 16		MAY .	1 14 16	1 11 42
	JUNE .	2 11 50	2 13 59		○	31 3 0	30 19 44
	JULY .	2 0 34	2 5 1		JUNE .	29 15 44	29 4 58
	○	31 13 18	31 19 3		JULY .	29 4 23	28 16 24
	AUG. .	30 2 2	30 7 51		AUG. .	27 17 12	27 6 29
	SEPT. .	23 14 46	23 19 33		○	11 11 34	11 11 37
	OCT. .	23 3 30	23 6 50		SEPT. .	26 5 56	25 23 7
	NOV. .	26 16 14	26 17 46		OCT. .	25 18 40	25 17 28
	DEC. .	26 4 58	26 4 38		NOV. .	24 7 24	24 12 10
1297. F. 18 2 8	JAN. .	24 17 42	24 15 26	1300. C.D. 12 19 35	DEC. .	23 20 8	24 5 49
	FEB. .	23 6 26	23 2 18		JAN. .	22 8 52	22 21 18
	MAR. .	24 19 10	24 13 35		FEB. .	20 21 36	21 10 8
	○	8 13 32	9 2 58		MAR. .	21 10 20	21 20 24
	APRIL	23 7 54	23 1 44		APRIL	19 23 4	20 4 39
	MAY .	22 20 33	22 15 7		MAY .	19 11 48	19 11 44
	JUNE .	21 9 22	21 5 45		JUNE .	18 0 32	17 18 41
	JULY .	20 22 6	20 21 15		JULY .	17 13 16	17 2 36
	AUG. .	19 10 50	19 12 57		AUG. .	16 2 0	15 12 34
	SEPT. .	17 23 34	18 4 12		SEPT. .	14 14 44	14 1 21
	○	2 17 56	2 4 45		OCT. .	14 3 28	13 17 13
	OCT. .	17 12 18	17 18 34		NOV. .	12 16 12	12 11 33
	NOV. .	16 1 2	16 7 52		DEC. .	12 4 56	12 7 3
	DEC. .	15 13 46	15 20 6				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1301.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1304.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				E.D. March.			
March.	JAN. .	10 17 41	11 2 5	<i>d. h. m.</i>	JAN. .	8 8 51	8 0 44
<i>d. h. m.</i>	○	25 12 3	25 7 35	12 18 50	FEB. .	6 21 35	6 16 6
13 1 23	FEB. .	9 6 25	9 19 4		MAR. .	7 10 19	7 8 31
	MAR. .	10 19 9	11 9 9		APRIL	5 23 3	6 1 18
	APRIL	9 7 53	9 20 13		MAY .	5 11 47	5 17 30
	MAY .	8 20 37	9 4 48		○	20 6 9	20 3 22
	JUNE .	7 9 21	7 11 52		JUNE .	4 0 31	4 8 19
	JULY .	6 22 5	6 18 30		JULY .	3 13 15	3 21 22
	○	21 16 27	21 18 40		AUG. .	2 1 59	2 8 41
	AUG. .	5 10 49	5 1 49		SEPT. .	31 14 43	31 18 49
	SEPT. .	3 23 33	3 10 50		OCT. .	30 3 27	30 4 31
	OCT. .	3 12 17	2 22 27		○	29 16 11	29 14 26
	NOV. .	2 1 1	1 13 4		NOV. .	13 10 33	13 9 18
	DEC. .	1 13 45	1 6 25		○	28 4 55	28 0 58
	○	31 2 29	31 1 30		DEC. .	27 17 39	27 12 15
1302.				1305.			
G.	JAN. .	14 20 52	14 22 53	c.	JAN. .	26 6 23	26 0 20
13 7 12	FEB. .	29 15 14	29 20 49	13 0 39	FEB. .	24 19 7	24 13 16
	MAR. .	28 3 58	28 14 42		MAR. .	26 7 51	26 3 12
	APRIL	29 16 42	30 6 0		APRIL	21 20 35	24 18 2
	MAY .	28 5 26	28 18 17		○	9 14 57	9 20 33
	JUNE .	27 18 10	28 3 53		MAY .	24 9 19	24 9 26
	○	26 6 54	26 11 39		JUNE .	22 22 3	23 0 49
	JULY .	11 1 16	10 19 14		JULY .	22 10 47	22 15 32
	○	25 19 38	25 18 45		AUG. .	20 23 31	21 5 12
	AUG. .	24 8 22	24 2 11		SEPT. .	19 12 15	19 17 45
	SEPT. .	22 21 6	22 10 56		OCT. .	19 0 59	19 5 28
	OCT. .	22 9 50	21 21 43		○	2 19 21	2 9 8
	NOV. .	20 22 31	20 11 0		NOV. .	17 13 43	17 16 42
	DEC. .	20 11 18	20 2 43		DEC. .	17 2 27	17 8 41
1303.				1306.			
F.	JAN. .	4 5 40	4 14 9	b.	JAN. .	15 15 12	15 14 23
13 13 1	FEB. .	19 0 2	18 20 17	13 6 23	FEB. .	14 8 56	14 1 6
	MAR. .	17 12 46	17 14 39		MAR. .	15 16 40	15 11 50
	APRIL	19 1 30	19 8 29		APRIL	14 5 24	13 23 13
	MAY .	17 14 14	18 0 38		○	28 28 46	29 11 43
	JUNE .	17 2 58	17 14 17		MAY .	18 18 8	18 11 41
	○	15 15 42	16 1 28		JUNE .	12 6 52	12 1 34
	JULY .	30 10 4	29 23 24		JULY .	11 19 36	11 13 41
	○	15 4 26	15 10 43		AUG. .	10 8 20	10 8 29
	AUG. .	13 17 10	13 18 59		SEPT. .	8 21 4	9 0 13
	SEPT. .	12 5 54	12 3 15		○	8 9 48	8 15 23
	OCT. .	11 18 38	11 12 18		NOV. .	23 4 10	22 15 6
	NOV. .	10 7 22	9 22 45		DEC. .	6 22 32	7 5 31
	DEC. .	9 20 6	9 10 53			6 11 16	6 13 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1307.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1310.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	5 0 1	5 6 17		JAN. .	{ 1 15 11	1 20 46
<i>d. h. m.</i>	FEB. .	3 12 45	3 16 51			{ 31 3 55	31 14 54
13 12 16	MAR. .	5 1 29	5 2 27	March.	FEB. ○	14 22 17	14 17 35
	APRIL	3 14 13	3 11 23	<i>d. h. m.</i>		{ 1 16 39	2 6 27
	MAY .	3 2 57	2 20 39	13 5 43	MAR. .	{ 31 5 23	31 18 53
	JUNE .	1 15 41	{ 1 6 50		APRIL	29 18 7	30 4 32
	JULY .	{ 1 4 25	{ 30 18 49		MAY .	29 6 51	29 12 11
	AUG. .	29 5 53	29 1 1		JUNE .	27 19 35	27 18 53
	SEPT. .	27 18 37	27 18 18		JULY .	27 8 19	27 1 47
	OCT. .	27 7 21	27 11 44		○	{ 11 2 41	11 5 38
	NOV. .	25 20 5	26 4 16		AUG. .	{ 25 21 3	25 9 56
	DEC. .	25 8 49	25 19 9		SEPT. .	24 9 47	23 20 16
					OCT. .	23 22 31	23 9 26
					NOV. .	22 11 15	22 1 30
					DEC. .	21 23 59	21 19 52
1308.	JAN. .	23 21 33	24 7 53				
G.F.	FEB. .	22 10 17	22 18 46	1311.	JAN. .	20 12 43	20 15 10
	○	{ 8 4 39	8 5 47	C.	FEB. .	19 1 27	19 9 48
12 18 5	MAR. .	{ 22 23 1	23 3 47	13 11 32	MAR. .	20 14 11	21 2 24
	APRIL	21 11 45	21 11 41		APRIL	19 2 55	19 16 7
	MAY .	21 0 29	20 19 19		MAY .	18 15 39	19 2 58
	JUNE .	19 18 13	19 3 42		JUNE .	17 4 23	17 11 31
	JULY .	19 1 57	18 13 51		JULY .	16 17 7	16 18 53
	AUG. .	17 14 41	17 2 36		AUG. .	15 5 51	15 2 13
	○	{ 1 9 3	1 11 9		SEPT. .	13 18 35	13 10 21
	SEPT. .	{ 16 3 25	15 18 8		OCT. .	13 7 19	12 20 12
	OCT. .	15 16 9	15 11 55		NOV. .	11 20 3	11 8 17
	NOV. .	14 4 53	14 6 48		DEC. .	{ 11 8 47	10 22 46
	DEC. .	13 17 37	14 1 16		○	{ 26 3 9	26 12 25
1309.	JAN. .	12 6 21	12 18 2	1312.	JAN. .	9 21 32	9 15 23
E.	FEB. .	{ 10 19 5	11 8 12	B.A.	FEB. .	8 10 16	8 9 18
	○	{ 25 13 27	25 8 9	12 17 21	MAR. .	8 23 0	9 3 28
12 23 54	MAR. .	12 7 50	12 19 37		APRIL	7 11 44	7 20 20
	APRIL	10 20 34	11 4 39		MAY .	7 0 23	7 11 13
	MAY .	10 9 18	10 12 5		JUNE .	{ 5 13 12	5 23 38
	JUNE .	8 22 2	8 18 53		○	{ 20 7 34	19 21 22
	JULY .	8 10 46	8 2 8		JULY .	5 1 56	5 9 53
	AUG. .	{ 6 23 30	6 10 57		AUG. .	3 14 40	3 18 41
	○	{ 21 17 52	21 23 53		SEPT. .	2 3 24	2 3 1
	SEPT. .	5 12 14	4 22 19		OCT. .	{ 1 16 8	1 11 49
	OCT. .	5 0 58	4 12 45			{ 31 4 52	30 21 40
	NOV. .	3 13 42	3 6 3		NOV. .	29 17 36	29 8 59
	DEC. .	3 2 26	3 1 14		○	{ 14 11 53	14 21 13
					DEC. .	{ 29 6 20	28 21 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1313. G. March. d. h. m. 12 23 10		d. h. m.	d. h. m.	A.D. 1316. D.C. March. d. h. m. 12 16 36		d. h. m.	d. h. m.
	JAN. .	27 19 4	27 12 21		JAN. .	25 10 15	25 16 6
	FEB. .	26 7 48	26 4 2		FEB. .	23 22 59	24 1 59
	MAR. .	27 20 33	27 20 23		MAR. .	24 11 43	24 11 1
	APRIL	26 9 17	26 12 53		○	8 6 5	8 17 12
	MAY .	25 22 1	26 4 25		APRIL	23 0 27	22 19 46
	○	9 16 23	9 10 42		MAY .	22 13 11	22 5 8
	JUNE .	24 10 45	24 18 25		JUNE .	21 1 55	20 16 0
	JULY .	23 23 29	24 6 44		JULY .	20 14 39	20 4 58
	AUG. .	22 12 13	22 17 38		AUG. .	19 3 23	18 20 13
	SEPT. .	21 0 57	21 3 43		SEPT. .	17 16 7	17 13 10
	OCT. .	20 13 41	20 13 43		○	2 10 29	2 3 23
	NOV. .	19 2 25	19 0 4		OCT. .	17 4 51	17 6 53
	○	3 20 47	3 22 54		NOV. .	15 17 33	16 0 14
	DEC. .	18 15 9	18 11 0		DEC. .	15 6 19	15 16 12
1314. F. 13 4 58	JAN. .	17 3 53	16 22 33	1317. B. 12 22 25	JAN. .	13 19 3	14 6 9
	FEB. .	15 16 37	15 10 48		FEB. .	12 7 47	12 17 52
	MAR. .	17 5 21	16 23 56		MAR. .	13 20 31	14 3 34
	APRIL	15 18 5	15 14 1		○	28 14 53	28 17 48
	MAY .	15 6 49	15 5 0		APRIL	12 9 15	12 11 46
	○	30 1 11	30 3 45		MAY .	11 21 59	11 19 15
	JUNE .	13 19 33	13 20 23		JUNE .	10 10 43	10 2 59
	JULY .	13 8 17	13 11 36		JULY .	9 23 27	9 12 3
	AUG. .	11 21 1	12 2 1		AUG. .	8 12 11	7 23 26
	SEPT. .	10 9 45	10 15 23		SEPT. .	7 0 55	6 13 33
	OCT. .	9 22 29	10 3 48		○	21 19 17	21 19 45
	NOV. .	8 11 13	8 15 29		OCT. .	6 13 39	6 6 32
	DEC. .	7 23 57	8 2 42		NOV. .	5 2 23	5 1 11
1315. E. 13 10 47	JAN. .	6 12 42	6 13 35	1318. A. 13 4 14	JAN. .	3 3 52	3 14 5
	FEB. .	5 1 26	5 0 7		FEB. .	1 16 36	2 5 37
	MAR. .	6 14 10	6 10 30		MAR. .	3 5 20	3 18 19
	APRIL	5 2 54	4 21 13		APRIL	1 18 4	2 4 20
	○	19 21 16	20 10 25		MAY .	1 6 48	1 12 20
	MAY .	4 15 38	4 8 43		○	30 19 32	30 19 14
	JUNE .	3 4 22	2 21 45		JUNE .	29 8 16	29 2 5
	JULY .	2 17 6	2 12 14		JULY .	28 21 0	28 9 59
	AUG. .	1 5 50	1 3 51		AUG. .	27 9 44	26 20 2
	○	30 18 34	30 19 57		SEPT. .	25 22 28	25 8 58
	SEPT. .	29 7 13	29 11 47		OCT. .	25 11 12	25 0 59
	○	14 1 40	13 12 53		NOV. .	23 23 56	23 19 27
	OCT. .	28 20 2	29 2 45		DEC. .	23 12 40	23 15 8
	NOV. .	27 8 46	27 16 31				
	DEC. .	26 21 30	27 4 59				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1319. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1322. C.		<i>d. h. m.</i>	<i>d. h. m.</i>
March.	JAN. .	22 1 24	22 10 3	March.	JAN. .	18 16 34	18 9 9
<i>d. h. m.</i>	○	{ 5 19 46	5 16 10	<i>d. h. m.</i>	FEB. .	17 5 18	17 0 0
13 10 2	FEB. .	{ 20 14 8	21 2 57	13 3 29	MAR. .	18 18 2	18 15 50
	MAR. .	22 2 52	22 16 53		APRIL	17 6 46	17 8 7
	APRIL	20 15 36	21 3 47		MAY .	16 19 30	17 0 3
	MAY .	20 4 20	20 12 15		JUNE .	15 8 14	15 14 54
	JUNE .	18 17 4	18 19 18		JULY .	14 20 58	15 4 12
	JULY .	18 5 48	18 2 1		AUG. .	13 9 42	13 15 59
	○	{ 2 0 10	2 1 21		SEPT. .	11 22 26	12 2 40
	AUG. .	{ 16 18 32	16 9 28		OCT. .	11 11 10	11 12 53
	SEPT. .	15 7 16	14 18 43		NOV. .	9 23 54	9 23 13
	OCT. .	14 20 0	14 6 31		DEC. .	9 12 38	9 9 55
	NOV. .	18 8 44	12 21 12				
	DEC. .	12 21 23	12 14 30				
1320. F.E.	JAN. .	{ 11 10 13	11 9 26	1323. B.	JAN. .	8 1 23	7 21 6
	○	{ 26 4 35	26 7 40	13 9 18	FEB. .	6 14 7	6 8 43
	FEB. .	9 22 57	10 4 30		MAR. .	8 2 51	7 21 11
12 15 51	MAR. .	10 11 41	10 22 8		APRIL	6 15 35	6 10 23
	APRIL	9 0 25	9 13 15		MAY .	{ 6 4 19	6 0 47
	MAY .	8 13 9	9 1 23		○	{ 20 22 41	21 4 6
	JUNE .	7 1 53	7 11 6		JUNE .	4 17 3	4 15 54
	JULY .	{ 6 14 37	6 19 3		JULY .	4 5 47	4 7 17
	○	{ 21 8 59	21 1 50		AUG. .	2 18 31	2 22 20
	AUG. .	5 3 21	5 2 22		SEPT. .	{ 1 7 15	1 12 31
	SEPT. .	3 16 5	3 10 8		○	{ 30 19 59	{ 1 1 41
	OCT. .	3 4 49	2 19 11		OCT. .	30 8 43	{ 30 13 53
	NOV. .	1 17 33	{ 1 6 12		○	{ 14 3 5	13 17 8
	DEC. .	{ 1 6 17	{ 30 19 30		NOV. .	{ 28 21 27	29 1 35
	○	{ 30 19 1	30 11 0		DEC. .	28 10 11	28 12 40
1321. D.	JAN. .	{ 14 13 23	14 22 55	1324. A.G.	JAN. .	26 22 56	26 23 16
	FEB. .	{ 29 7 45	29 4 12	12 15 7	FEB. .	25 11 40	25 9 30
12 21 40	MAR. .	27 20 30	27 22 8		MAR. .	26 0 24	25 19 42
	APRIL	29 9 14	29 15 35		APRIL	24 13 8	24 6 30
	MAY .	27 10 42	27 21 9		○	{ 9 7 30	9 19 9
	JUNE .	25 23 26	26 8 31		MAY .	{ 24 1 52	23 18 31
	○	{ 10 17 48	10 6 20		JUNE .	22 14 36	22 8 6
	JULY .	{ 23 12 10	23 18 5		JULY .	22 3 20	21 23 14
	AUG. .	24 0 54	24 2 44		AUG. .	20 16 4	20 15 20
	SEPT. .	22 13 33	22 11 27		SEPT. .	19 4 43	19 7 39
	OCT. .	22 2 22	21 20 54		OCT. .	18 17 32	18 23 23
	NOV. .	20 15 6	20 7 34		○	{ 2 11 54	1 23 28
	DEC. .	20 3 50	19 19 33		NOV. .	{ 17 6 16	17 14 3
					DEC. .	16 19 0	17 3 19

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1325.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1328.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				G.B.			
March.	JAN. .	15 7 44	15 15 6	March.	JAN. .	12 22 54	18 4 42
<i>d. h. m.</i>	FEB. .	13 20 28	14 1 27	<i>d. h. m.</i>	FEB. .	{ 11 11 38	11 22 45
12 20 55	MAR. .	15 9 12	15 10 40	12 14 22	O	{ 26 6 0	26 1 52
	APRIL	13 21 56	13 19 14		MAR. .	12 0 22	12 14 9
	MAY .	13 10 40	13 8 58		APRIL	10 13 6	11 2 27
	JUNE .	11 23 24	11 13 48		MAY .	10 1 50	10 11 59
	JULY .	11 12 8	11 1 34		JUNE .	8 14 34	8 19 36
	AUG. .	10 0 52	9 15 44		JULY .	8 3 18	8 2 21
	SEPT. .	8 13 36	8 8 2		AUG. .	{ 6 16 2	6 9 24
	OCT. .	8 2 20	8 1 44		O	{ 21 10 24	21 12 33
	NOV. .	6 15 4	6 19 38		SEPT. .	5 4 46	4 17 46
	DEC. .	6 3 48	6 12 36		OCT. .	4 17 30	4 4 19
					NOV. .	3 6 14	2 17 37
					DEC. .	2 18 58	2 9 41
1326.	JAN. .	4 16 33	5 3 44				
E.	FEB. .	3 5 17	3 16 31				
13 2 44	MAR. .	{ 4 18 1	5 3 6	1329.	JAN. .	{ 1 7 43	1 8 58
	O	{ 19 12 23	19 13 0	A.	FEB. .	{ 30 20 27	30 22 55
	APRIL	8 6 45	8 11 48		...	...	...
	MAY .	2 19 29	2 19 21	12 20 11	MAR. .	{ 1 9 11	1 17 17
	JUNE .	{ 1 8 18	1 2 42		...	{ 30 21 55	31 9 40
	...	{ 30 20 57	30 10 52		APRIL	29 10 39	29 23 17
	JULY .	30 9 41	29 20 59		MAY .	23 23 23	29 10 8
	AUG. .	23 22 25	23 9 47		JUNE .	27 12 7	27 18 52
	O	{ 12 16 47	12 19 9		JULY .	27 0 51	27 2 30
	SEPT. .	{ 27 11 9	27 1 29		AUG. .	25 13 35	25 10 5
	OCT. .	26 23 53	26 19 32		SEPT. .	24 2 19	23 18 34
	NOV. .	25 12 37	25 14 43		OCT. .	23 15 8	23 4 40
	DEC. .	25 1 21	25 9 26		NOV. .	22 3 47	21 16 51
					DEC. .	21 16 31	21 7 13
1327.	JAN. .	23 14 5	24 2 18	1330.	O	{ 5 10 54	5 21 9
D.	FEB. .	22 2 49	22 16 23	G.	JAN. .	{ 20 5 16	19 23 31
13 8 33	O	{ 8 21 11	8 15 53	13 2 0	FEB. .	18 18 0	18 16 57
	MAR. .	{ 23 15 34	24 3 36		MAR. .	20 6 44	20 10 34
	APRIL	22 4 18	22 12 24		APRIL	18 19 23	19 3 13
	MAY .	21 17 2	21 19 33		MAY .	18 8 12	18 18 0
	JUNE .	20 5 46	20 2 19		JUNE .	16 20 53	17 6 32
	JULY .	19 18 30	19 9 32		O	{ 1 15 18	1 4 24
	AUG. .	13 7 14	17 18 26		JULY .	{ 16 9 40	16 17 4
	O	{ 2 1 36	2 7 23		AUG. .	14 22 24	15 2 17
	SEPT. .	{ 16 19 53	16 5 56		SEPT. .	13 11 8	13 11 5
	OCT. .	16 8 42	15 20 31		OCT. .	12 23 52	12 20 17
	NOV. .	14 21 26	14 13 57		NOV. .	11 12 33	11 6 27
	DEC. .	14 10 10	14 9 12		DEC. .	{ 11 1 20	10 17 50
					O	{ 25 19 42	26 5 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1331.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1334.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.	JAN. .	9 14 4	9 6 31	B.	JAN. .	6 5 14	6 13 48
March.	FEB. .	8 2 48	7 20 30	March.	FEB. .	4 17 58	5 0 48
<i>d. h. m.</i>	MAR. .	9 15 32	9 11 36	<i>d. h. m.</i>	MAR. .	6 6 42	6 10 22
13 7 48	APRIL	8 4 16	8 3 28	13 1 15	APRIL	{ 4 19 26	4 18 57
	MAY .	7 17 0	7 19 29		○	{ 19 13 48	20 0 10
	JUNE .	{ 6 5 44	6 10 54		MAY .	4 8 10	4 3 16
	○	{ 21 0 6	20 18 2		JUNE .	2 20 54	2 12 15
	JULY .	5 18 28	6 1 8		JULY .	{ 2 9 38	1 22 50
	AUG. .	4 7 12	4 13 50		○	{ 31 22 22	31 11 46
	SEPT. .	2 19 56	3 1 15		AUG. .	30 11 6	30 3 9
	○	{ 2 8 40	2 11 55		SEPT. .	28 23 50	28 20 26
	OCT. .	{ 31 21 24	31 22 22		○	{ 13 18 12	13 11 50
	NOV. .	30 10 8	30 8 59		OCT. .	{ 28 12 34	28 14 37
	○	{ 15 4 80	15 6 58		NOV. .	27 1 18	27 8 24
	DEC. .	{ 29 22 52	29 19 54		DEC. .	26 14 2	27 0 40
1332.	JAN. .	28 11 37	28 7 12	1335.	JAN. .	25 2 47	25 14 42
E.D.	FEB. .	27 0 21	26 18 57	A.	FEB. .	23 15 31	24 2 17
12 13 37	MAR. .	27 13 5	27 7 28	13 7 4	MAR. .	25 4 15	25 11 41
	APRIL	26 1 49	25 20 59		○	{ 8 22 37	9 0 54
	MAY .	25 14 33	25 11 32		APRIL	{ 23 16 59	23 19 33
	○	{ 9 8 55	9 11 12		MAY .	23 5 43	23 2 44
	JUNE .	{ 24 3 17	24 2 50		JUNE .	21 18 27	21 10 15
	JULY .	23 16 1	23 18 13		JULY .	21 7 11	20 19 13
	AUG. .	22 4 45	22 9 6		AUG. .	19 19 55	19 6 37
	SEPT. .	20 17 29	20 23 4		SEPT. .	18 8 39	17 20 58
	OCT. .	20 6 13	20 12 4		○	{ 8 3 1	8 4 8
	NOV. .	18 18 57	19 0 13		OCT. .	{ 17 21 28	17 14 5
	DEC. .	18 7 41	18 11 39		NOV. .	16 10 7	16 9 1
1333.	JAN. .	16 20 25	16 22 27	1336.	JAN. .	14 11 35	14 22 15
C.	FEB. .	15 9 9	15 8 40	G.F.	FEB. .	13 0 19	13 13 47
12 19 26	MAR. .	16 21 53	16 18 35	12 12 53	MAR. .	13 13 3	14 2 20
	APRIL	{ 15 10 37	15 4 48		APRIL	12 1 47	12 12 8
	○	{ 30 4 59	30 17 48		MAY .	11 14 31	11 19 56
	MAY .	14 23 21	14 15 48		JUNE .	10 3 15	10 2 40
	JUNE .	13 12 5	13 4 25		JULY .	9 15 59	9 9 31
	JULY .	13 0 49	12 18 46		AUG. .	8 4 43	7 17 29
	AUG. .	11 13 33	11 10 33		SEPT. .	6 17 27	6 3 39
	SEPT. .	10 2 17	10 3 4		OCT. .	6 6 11	5 16 43
	OCT. .	{ 9 15 1	9 19 27		NOV. .	4 13 55	4 8 52
	○	{ 24 9 23	23 21 19		DEC. .	4 7 39	4 3 23
	NOV. .	8 3 45	8 11 1				
	DEC. .	7 16 29	8 1 11				

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1337.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1340.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.	JAN. .	2 20 23	2 22 58	B.A.	JAN. .	30 0 18	29 17 31
March.	FEB. .	1 9 7	1 17 54	March.	FEB. .	28 13 2	28 7 48
<i>d. h. m.</i>	○	16 3 29	16 0 39	<i>d. h. m.</i>	MAR. .	29 1 46	28 23 8
12 18 41	MAR. .	2 21 51	3 10 40	12 12 8	APRIL	27 14 30	27 14 51
	APRIL	1 10 35	2 0 27		MAY .	27 3 14	27 6 35
		80 23 19	1 11 13		JUNE .	25 15 58	25 21 29
	MAY .	30 12 3	30 19 38		JULY .	25 4 42	25 11 7
	JUNE .	29 0 47	29 2 42		AUG. .	23 17 26	23 23 24
	JULY .	28 18 31	28 9 34		SEPT. .	22 6 10	22 10 40
	○	12 7 53	12 8 4		OCT. .	21 18 54	21 21 25
	AUG. .	27 2 15	26 17 17		NOV. .	20 7 38	20 8 5
	SEPT. .	25 14 59	25 2 46		DEC. .	19 20 22	19 18 54
	OCT. .	25 3 43	24 14 44				
	NOV. .	23 16 27	23 5 27	1341.	JAN. .	18 9 7	18 5 54
	DEC. .	23 5 11	22 22 38	G.	FEB. .	16 21 51	16 17 10
1338.	JAN. .	21 17 56	21 17 19	12 17 57	MAR. .	18 10 35	18 4 58
D.	○	5 12 18	5 16 23		APRIL	18 23 19	16 17 40
18 0 30	FEB. .	20 6 40	20 12 2		MAY .	16 12 3	16 7 29
	MAR. .	21 19 25	22 5 25		○	31 6 25	31 11 32
	APRIL	20 8 9	20 20 20		JUNE .	15 0 47	14 22 22
	MAY .	19 20 53	20 8 34		JULY .	14 13 31	14 13 49
	JUNE .	18 9 37	18 18 19		AUG. .	13 2 15	13 5 12
	JULY .	17 22 21	18 2 28		SEPT. .	11 14 59	11 19 56
	○	1 16 43	1 8 30		OCT. .	11 8 43	11 9 43
	AUG. .	16 11 5	16 10 7		NOV. .	9 16 27	9 22 34
	SEPT. .	14 23 49	14 18 14		○	24 10 49	24 1 16
	OCT. .	14 12 33	14 3 37		DEC. .	9 5 11	9 10 28
	NOV. .	13 1 17	12 14 49				
	DEC. .	12 14 1	12 4 3	1342.	JAN. .	7 17 53	7 21 37
1339.	JAN. .	11 2 45	10 19 17	F.	FEB. .	6 6 39	6 7 58
C.	○	25 21 7	26 7 36	12 23 46	MAR. .	7 19 23	7 17 46
13 6 19	FEB. .	9 15 29	9 12 1		APRIL	6 8 7	6 3 28
	MAR. .	11 4 13	11 5 26		MAY .	5 20 51	5 13 42
	APRIL	9 16 57	9 22 31		○	20 15 13	21 2 28
	MAY .	9 5 41	9 14 13		JUNE .	4 9 35	4 1 17
	JUNE .	7 18 25	8 3 57		JULY .	3 22 19	3 14 41
	JULY .	7 7 9	7 15 32		AUG. .	2 11 3	2 5 50
	○	22 1 31	21 13 20			31 23 47	31 22 15
	AUG. .	5 19 53	6 1 29		SEPT. .	30 12 31	30 15 4
	SEPT. .	4 8 37	4 10 33		OCT. .	30 1 15	30 7 25
	OCT. .	3 21 21	3 19 46		○	18 19 37	18 7 56
	NOV. .	2 10 5	2 5 35		NOV. .	23 13 59	23 22 33
	DEC. .	1 22 49	1 16 24		DEC. .	23 2 43	23 12 5
		31 11 33	31 4 22				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1343.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1346.		<i>d. h. m.</i>	<i>d. h. m.</i>
K.				A.			
March.	JAN. .	26 15 28	26 23 50	March.	JAN. .	23 6 38	23 12 35
<i>d. h. m.</i>	FEB. .	25 4 12	25 9 59	<i>d. h. m.</i>	FEB. .	21 19 22	22 6 28
13 5 31	MAR. .	26 16 56	26 18 47	12 23 1	○	{ 8 13 44	8 10 2
	APRIL.	25 5 40	25 2 55		MAR. .	{ 23 8 6	23 21 42
	MAY .	21 18 24	24 11 14		APRIL.	21 20 50	22 9 58
	JUNE .	23 7 8	22 20 48		MAY .	21 9 34	21 19 21
	JULY .	22 19 52	22 8 26		JUNE .	19 22 18	20 2 59
	AUG. .	21 8 36	20 22 37		JULY .	19 11 2	19 9 53
	SEPT. .	19 21 20	19 15 11		AUG. .	17 23 46	17 17 10
	OCT. .	19 10 4	19 9 17		○	{ 1 18 8	1 19 34
	NOV. .	17 22 48	18 3 39		SEPT. .	{ 16 12 30	16 1 48
	DEC. .	17 11 32	17 20 58		OCT. .	16 1 14	15 12 34
					NOV. .	14 13 58	14 1 57
					DEC. .	14 2 42	13 17 56
1344.	JAN. .	16 0 17	16 12 15	1347.	JAN. .	12 15 26	12 11 52
D.C.	FEB. .	14 18 1	15 1 0	G.	FEB. .	11 4 10	11 6 31
12 11 23	MAR. .	15 1 43	15 11 19	18 4 50	MAR. .	12 16 54	13 0 37
	APRIL.	13 14 29	13 19 42		APRIL.	11 5 38	11 16 43
	MAY .	13 8 13	13 2 58		MAY .	10 18 22	11 6 19
	JUNE .	11 15 57	11 10 8		JUNE .	9 7 6	9 17 14
	JULY .	11 4 41	10 18 8		JULY .	8 19 50	9 2 10
	AUG. .	9 17 25	9 4 12		AUG. .	7 8 34	7 10 6
	SEPT. .	{ 8 6 9	7 17 5		SEPT. .	5 21 18	5 18 4
	○	{ 23 0 31	23 8 15		OCT. .	5 10 2	5 2 55
	OCT. .	7 18 53	7 8 59		NOV. .	3 22 43	3 13 16
	NOV. .	6 7 37	6 8 18		DEC. .	3 11 30	3 1 30
	DEC. .	5 20 21	5 22 43				
1345.	JAN. .	4 9 5	4 17 35	1348.	JAN. ○	{ 2 0 15	1 15 40
N.	FEB. .	2 21 49	3 10 23	F.E.		{ 16 18 37	17 5 47
12 17 12	MAR. .	{ 4 10 33	5 0 25			{ 31 12 59	31 7 32
	○	{ 19 4 53	18 23 30		FEB. .	...	...
	APRIL.	2 23 17	3 11 27		MAR. .	{ 1 1 43	1 0 27
	MAY .	2 12 1	2 20 1	12 10 39		{ 30 14 27	30 17 33
	JUNE .	{ 1 0 45	1 8 5		APRIL.	29 8 11	29 9 56
		{ 30 18 20	30 9 44		MAY .	28 15 55	29 0 41
	JULY .	30 2 18	29 17 2		JUNE .	27 4 39	27 13 24
	AUG. .	28 14 57	28 2 4		○	{ 11 23 1	11 11 29
	○	{ 12 9 19	12 14 53		JULY .	{ 26 17 23	27 0 13
	SEPT. .	{ 27 8 41	26 13 42		AUG. .	25 6 7	25 9 53
	OCT. .	26 16 25	26 4 23		SEPT. .	23 18 51	23 19 15
	NOV. .	25 5 9	24 21 56		OCT. .	23 7 35	23 4 54
	DEC. .	24 17 53	24 17 10		NOV. .	21 20 19	21 15 17
					DEC. .	21 9 3	21 2 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1349.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1352.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	○	{ 5 8 25	5 18 49	A.G.	JAN. .	17 12 58	17 22 31
March.	JAN. .	{ 19 21 48	19 15 6	March.	FEB. .	16 1 42	16 9 23
<i>d. h. m.</i>	FEB. .	18 10 32	18 4 33	<i>d. h. m.</i>	MAR. .	16 11 26	16 18 37
12 16 27	MAR. .	19 23 16	19 19 2	12 9 51	APRIL	{ 15 3 10	15 2 47
	APRIL	18 12 0	18 10 21	○	○	{ 29 21 32	29 7 2
	MAY .	18 0 44	18 2 3		MAY .	14 15 54	14 10 12
	JUNE .	16 13 28	16 17 24		JUNE .	13 4 38	12 19 22
	○	{ 1 7 50	1 1 26		JULY .	12 17 22	12 5 47
	JULY .	{ 16 2 12	16 7 50		AUG. .	11 6 6	10 18 41
	AUG. .	14 14 56	14 21 1		SEPT. .	9 18 50	9 10 13
	SEPT. .	13 3 40	13 9 1		OCT. .	{ 9 7 34	9 3 51
	OCT. .	12 16 24	12 20 15		○	{ 24 1 56	23 20 23
	NOV. .	11 5 8	11 7 8		NOV. .	7 20 18	7 22 27
	DEC. .	{ 10 17 52	10 17 58		DEC. .	7 9 2	7 16 38
	○	{ 25 12 14	25 14 51				
1350.	JAN. .	9 6 36	9 4 49	1353.	JAN. .	5 21 46	6 9 6
C.	FEB. .	7 19 20	7 15 45	F.	FEB. .	4 10 30	4 23 8
12 22 16	MAR. .	9 8 4	9 2 59	12 15 43	MAR. .	5 23 11	6 10 32
	APRIL	7 20 48	7 14 52		APRIL	{ 4 11 58	4 19 39
	MAY .	7 9 32	7 3 51		○	{ 19 6 20	19 7 44
	JUNE .	{ 5 22 16	5 18 4		MAY .	4 0 42	4 3 13
	○	{ 20 16 38	20 18 38		JUNE .	2 13 26	2 10 9
	JULY .	5 11 0	5 9 17		JULY .	{ 2 2 10	1 17 31
	AUG. .	3 23 44	4 0 54		○	{ 31 14 54	31 2 28
	SEPT. .	2 12 28	2 16 14		AUG. .	30 3 38	29 13 56
	○	{ 2 1 12	2 6 50		SEPT. .	28 16 22	28 4 26
	OCT. .	{ 31 13 56	31 20 26		○	{ 13 10 44	13 12 26
	NOV. .	30 2 40	30 9 0		OCT. .	{ 28 5 6	27 21 45
	DEC. .	29 15 24	29 20 36		NOV. .	26 17 50	26 16 55
					DEC. .	26 6 34	26 12 19
1351.	JAN. .	28 4 9	28 7 16	1354.	JAN. .	24 19 19	25 6 22
B.	FEB. .	26 16 53	26 17 7	K.	FEB. .	23 8 3	23 21 48
13 4 5	MAR. .	28 5 37	28 2 33	12 21 32	MAR. .	24 20 47	25 10 11
	APRIL	26 18 21	26 12 9		APRIL	23 9 31	23 19 48
	MAY .	26 7 5	25 22 46		MAY .	22 23 15	23 3 26
	JUNE .	24 19 49	24 11 5		JUNE .	21 10 50	21 10 8
	JULY .	24 8 33	24 1 22		JULY .	20 23 48	20 16 50
	AUG. .	22 21 17	22 17 21		AUG. .	19 12 27	19 1 8
	SEPT. .	21 10 1	21 10 18		SEPT. .	18 1 11	17 11 26
	OCT. .	20 22 45	21 3 17		OCT. .	17 13 55	17 0 40
	○	{ 4 17 7	4 5 49		NOV. .	16 2 39	15 16 54
	NOV. .	{ 19 11 29	19 19 20		DEC. .	15 15 23	15 11 36
	DEC. .	19 0 13	19 9 52				

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1355.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1358.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	14 4 8	14 6 55	G.	JAN. .	10 19 17	10 13 6
March.	FEB. .	{ 12 16 52	13 1 39	March.	FEB. .	9 8 1	9 1 49
<i>d. h. m.</i>	○	{ 27 11 14	27 9 2	<i>d. h. m.</i>	MAR. .	10 20 45	10 15 29
13 3 20	MAR. .	14 5 36	14 18 14	12 20 47	APRIL	9 9 29	9 6 9
	APRIL	12 18 20	13 7 52		MAY .	8 22 13	8 21 30
	MAY .	12 7 4	12 18 34		JUNE .	7 10 57	7 13 1
	JUNE .	10 19 48	11 3 0		JULY .	6 23 41	7 4 3
	JULY .	10 8 32	10 10 12		AUG. .	5 12 25	5 18 4
	AUG. .	{ 8 21 16	8 17 16		SEPT. .	4 1 9	4 6 54
	○	{ 23 15 38	23 14 56		OCT. .	3 13 53	3 18 45
	SEPT. .	7 10 0	7 1 15		NOV. .	2 2 37	2 6 0
	OCT. .	6 22 44	6 11 0		DEC. .	{ 1 15 21	1 16 59
	NOV. .	5 11 28	4 23 7			{ 31 4 5	31 3 51
	DEC. .	5 0 12	4 13 49				
1356.	JAN. .	3 12 56	3 6 47	1359.	JAN. .	29 16 50	29 14 38
C.B.	FEB. .	{ 2 1 40	2 1 6	F.	FEB. .	28 5 34	28 1 25
	○	{ 16 20 2	17 1 1	13 2 36	MAR. .	29 18 18	29 12 38
12 9 9	MAR. .	2 14 24	2 19 26		APRIL	28 7 2	28 0 45
	APRIL	{ 1 3 8	1 12 32		MAY .	27 19 46	27 14 8
		{ 30 15 52	{ 1 3 21		○	{ 11 14 8	11 18 57
	MAY .	30 4 36	{ 30 15 34		JUNE .	{ 26 8 30	26 4 48
	JUNE .	28 17 20	29 1 29		JULY .	25 21 14	25 20 22
	JULY .	28 6 4	28 9 57		AUG. .	24 9 58	24 12 7
	○	{ 12 0 26	11 15 17		SEPT. .	22 22 42	23 3 26
	AUG. .	{ 26 18 48	26 17 58		OCT. .	22 11 26	22 17 51
	SEPT. .	25 7 32	25 2 28		NOV. .	21 0 10	21 7 10
	OCT. .	24 20 16	24 12 10		○	{ 5 18 32	5 9 26
	NOV. .	23 9 0	22 23 30		DEC. .	{ 20 12 54	20 19 22
	DEC. .	22 21 44	22 12 39				
1357.	JAN. .	21 10 29	21 3 32	1360.	JAN. .	19 1 39	19 6 29
A.	○	{ 5 4 51	5 16 10	E.D.	FEB. .	17 14 23	17 16 35
12 14 58	FEB. .	{ 19 23 13	19 19 45	12 8 25	MAR. .	18 3 7	18 1 56
	MAR. .	21 11 57	21 12 38		APRIL	16 15 51	16 11 4
	APRIL	20 0 41	20 5 20		MAY .	{ 16 4 35	15 20 51
	MAY .	19 13 23	19 20 52		○	{ 30 22 57	31 9 33
	JUNE .	18 2 9	18 10 40		JUNE .	14 17 19	14 8 5
	JULY .	17 14 53	{ 17 22 35		JULY .	14 6 3	13 21 18
	○	{ 1 9 15	{ 31 20 27		AUG. .	12 18 47	12 12 34
	AUG. .	{ 16 3 37	16 8 59		SEPT. .	11 7 31	11 5 19
	SEPT. .	14 16 21	14 18 38		OCT. .	10 20 15	10 22 39
	OCT. .	14 5 5	14 4 14		NOV. .	{ 9 8 59	9 15 32
	NOV. .	12 17 49	12 14 23		○	{ 24 3 21	23 16 30
	DEC. .	12 6 33	12 1 19		DEC. .	8 21 43	9 7 6

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1361. c. March. d. h. m. 12 14 13	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. 7 10 27 5 23 11 7 11 55 6 0 39 5 13 23 4 2 7 3 14 51 { 2 3 35 31 16 19 30 5 3 29 17 47 28 6 31 27 19 15	d. h. m. 7 20 48 6 8 30 7 18 19 6 2 44 5 10 29 3 18 29 3 3 49 1 15 22 31 5 40 29 22 30 29 16 57 28 11 42 28 5 17	A.D. 1364. G.F. March. d. h. m. 12 7 39	JAN. . FEB. . MAR. . ○ APRIL MAY . JUNE . JULY . AUG. . ○ SEPT. . OCT. . NOV. . DEC. .	d. h. m. 5 1 37 3 14 21 { 4 3 5 18 21 27 2 15 49 { 2 4 33 31 17 17 30 6 1 29 18 45 28 7 29 { 12 1 51 26 20 13 26 8 57 24 21 41 24 10 25	d. h. m. 5 1 7 3 20 19 4 14 1 18 18 4 3 5 6 2 17 10 { 1 2 13 30 10 22 29 17 28 28 1 2 12 2 48 26 9 56 25 20 55 24 10 22 21 2 12
1362. B. 12 20 2	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . NOV. . DEC. .	26 8 0 24 20 44 26 9 28 24 22 12 24 10 56 22 23 40 22 12 24 21 1 8 19 13 52 { 4 8 14 19 2 36 17 15 20 17 4 4	26 20 39 25 9 17 26 19 20 25 3 26 24 10 27 22 17 24 22 1 25 20 11 33 19 0 34 4 11 27 18 16 39 17 11 38 17 6 41	1365. E. 12 13 28	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	22 23 10 21 11 51 23 0 38 21 13 22 21 2 6 19 14 50 19 3 31 17 16 18 16 5 2 15 17 46 14 6 30 13 19 14	22 19 49 21 14 6 23 7 49 21 23 41 21 13 14 20 0 18 19 9 31 17 17 49 16 2 19 15 11 24 13 22 0 13 10 13
1363. A. 13 1 51	JAN. . FEB. . MAR. . ○ APRIL MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . NOV. . DEC. .	15 16 48 14 5 33 { 15 18 17 30 12 39 14 7 1 13 19 45 12 8 29 11 21 13 10 9 57 { 8 22 41 23 17 3 8 11 25 7 0 9 6 12 53	16 1 36 14 18 26 16 8 17 30 7 1 14 19 7 14 3 34 12 10 33 11 17 13 10 0 33 8 9 50 23 22 40 7 21 40 6 12 30 6 6 0	1366. D. 12 19 17	JAN. . ○ FEB. . MAR. . APRIL MAY . JUNE . JULY . ○ AUG. . SEPT. . OCT. . NOV. . DEC. .	{ 12 7 59 27 2 21 10 20 48 12 9 27 10 22 11 10 10 55 8 23 39 { 8 12 23 28 6 45 7 1 7 5 13 51 5 2 35 3 15 19 3 4 3	12 0 7 27 14 21 10 15 28 12 7 52 11 0 31 10 16 37 9 7 20 8 20 17 22 18 40 7 7 36 5 17 47 5 8 35 3 13 30 3 0 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1367. C.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1370. F.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. O	{ 1 16 47 16 11 9 31 5 31	{ 1 11 31 16 21 59 30 23 35	March. <i>d. h. m.</i> 12 18 32	JAN. .	27 20 41	28 7 13
March. <i>d. h. m.</i> 13 1 6	FEB. .	...	...		FEB. .	26 9 25	26 17 48
	MAR. .	{ 1 18 15 31 6 59	{ 1 12 29 31 2 22		MAR. .	27 22 9	28 2 42
	APRIL	29 19 43	29 17 9		APRIL	26 10 53	26 10 29
	MAY .	29 8 27	29 8 31		O	{ 11 5 15	11 13 45
	JUNE .	27 21 11	27 23 52		MAY .	{ 25 23 37	25 18 4
	O	{ 12 15 33	12 8 51		JUNE .	24 12 21	24 2 30
	JULY .	27 9 55	27 14 35		JULY .	24 1 5	23 12 47
	AUG. .	25 22 39	26 4 16		AUG. .	22 18 49	22 1 43
	SEPT. .	24 11 23	24 16 52		SEPT. .	21 2 33	20 17 27
	OCT. .	24 0 7	24 4 40		OCT. .	20 15 17	20 11 24
	NOV. .	22 12 51	22 15 57		O	{ 4 9 39	4 5 9
	DEC. .	22 1 35	22 2 56		NOV. .	19 4 1	19 6 21
	O	{ 5 19 57	5 22 46		DEC. .	18 16 45	19 0 49
1368. B.A.	JAN. .	{ 20 14 20	20 13 40	1371. E.	JAN. .	17 5 30	17 17 27
12 6 55	FEB. .	19 3 4	19 0 13	13 0 21	FEB. .	15 18 14	16 7 26
	MAR. .	19 15 48	19 10 53		MAR. .	17 6 58	17 18 38
	APRIL	18 4 32	17 22 12		APRIL	{ 15 19 42	16 3 29
	MAY .	17 17 16	17 10 40		O	{ 30 14 4	30 14 26
	JUNE .	16 6 0	16 0 35		MAY .	15 8 26	15 10 48
	O	{ 1 0 22	1 2 5		JUNE .	13 21 10	13 17 34
	JULY .	{ 15 18 44	15 15 46		JULY .	13 9 54	13 0 53
	AUG. .	14 7 28	14 7 39		AUG. .	11 22 38	11 9 51
	SEPT. .	12 20 12	12 23 32		SEPT. .	10 11 22	9 21 26
	OCT. .	12 8 56	12 14 44		OCT. .	{ 10 0 6	9 12 5
	NOV. .	10 21 40	11 4 53		O	{ 24 18 28	24 20 59
	DEC. .	10 10 24	10 17 49		NOV. .	8 12 50	8 5 35
1369. G.	JAN. .	8 23 9	9 5 30	1372. D.C.	JAN. .	6 14 18	6 20 19
12 12 44	FEB. .	7 11 53	7 15 59	12 6 10	FEB. .	5 3 2	5 14 19
	MAR. .	9 0 37	9 1 27		MAR. .	5 15 46	6 5 39
	APRIL	7 13 21	7 10 22		APRIL	4 4 30	4 17 52
	MAY .	7 2 5	6 19 30		MAY .	3 17 14	4 3 20
	JUNE .	5 14 49	5 5 43		JUNE .	2 5 53	2 10 52
	JULY .	5 3 33	4 17 48		JULY .	{ 1 18 42	1 17 35
	AUG. .	3 16 17	3 8 4			{ 31 7 26	31 0 33
	SEPT. .	2 5 1	2 0 18		AUG. .	29 20 10	29 8 49
	OCT. .	{ 1 17 45	1 17 41		SEPT. .	23 8 54	27 19 22
	O	{ 31 6 29	31 11 10		OCT. .	27 21 33	27 8 45
	NOV. .	{ 15 0 51	14 14 26		NOV. .	26 10 22	26 1 0
	DEC. .	29 19 13	30 3 42		DEC. .	25 23 6	25 19 26
		29 7 57	29 18 31				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1373.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1376.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				F.E.			
March.				March.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
12 11 59				12 5 25			
	JAN. .	24 11 51	24 14 43		JAN. .	22 3 1	21 21 48
	FEB. .	23 0 35	23 9 34		FEB. .	20 15 45	20 10 1
	○	{ 9 18 57	9 17 16		MAR. .	21 4 29	20 23 4
	MAR. .	{ 24 13 19	25 1 37		APRIL	19 17 13	19 13 8
	APRIL	23 2 3	23 15 7		MAY .	19 5 57	19 4 5
	MAY .	22 14 47	23 1 48		JUNE .	17 18 41	17 19 27
	JUNE .	21 3 31	21 10 19		JULY .	17 7 25	17 10 19
	JULY .	20 16 15	20 17 42		AUG. .	15 20 9	16 1 6
	AUG. .	19 4 59	19 1 2		SEPT. .	14 8 53	14 14 31
	SEPT. .	17 17 43	17 9 20		OCT. .	13 21 37	14 2 58
	OCT. .	17 6 27	16 19 21		NOV. .	12 10 21	12 14 48
	NOV. .	15 19 11	15 7 36		DEC. .	11 23 5	12 1 58
	DEC. .	15 7 55	14 22 13				
1374.				1377.			
A.				D.			
12 17 48				12 11 14			
	JAN. .	13 20 40	13 14 53		JAN. .	10 11 50	10 12 48
	FEB. .	{ 12 9 24	12 8 47		FEB. .	9 0 31	8 28 15
	○	{ 27 3 46	27 9 29		MAR. .	10 13 18	10 9 34
	MAR. .	13 22 8	14 2 44		APRIL	9 2 2	8 20 12
	APRIL	12 10 52	12 19 32		MAY .	8 14 43	8 7 43
	MAY .	11 23 36	12 10 13		JUNE .	{ 7 3 30	6 20 46
	JUNE .	10 12 20	10 22 32		○	{ 21 21 52	22 2 21
	JULY .	10 1 4	10 8 41		JULY .	6 16 14	6 11 18
	AUG. .	{ 8 13 48	8 17 31		AUG. .	5 4 58	5 3 1
	○	{ 23 8 10	22 22 14		SEPT. .	3 17 42	3 10 12
	SEPT. .	7 2 32	7 1 57		OCT. .	3 6 23	3 11 5
	OCT. .	6 15 16	6 10 52		NOV. .	1 19 10	2 2 6
	NOV. .	5 4 0	4 20 52		DEC. ○	{ 1 7 54	1 15 52
	DEC. .	4 16 44	4 8 17			{ 16 2 13	15 17 41
						{ 30 20 38	31 4 15
1375.				1378.			
G.				C.			
12 23 37				12 17 3			
	JAN. .	3 5 28	2 21 16		JAN. .	29 9 22	29 14 15
	FEB. .	{ 1 18 12	1 11 42		FEB. .	27 22 6	28 1 1
	○	{ 16 12 34	17 0 34		MAR. .	29 10 50	29 9 55
	MAR. .	3 6 56	3 3 21		APRIL	27 23 34	27 18 37
	APRIL	1 19 40	1 19 43		MAY .	27 12 18	27 3 58
	MAY .	{ 1 8 24	1 12 0		○	{ 11 6 40	11 13 39
	JUNE .	{ 30 21 8	31 3 26		JUNE .	{ 23 1 2	25 14 53
	JULY .	23 22 36	29 5 40		JULY .	25 13 46	25 4 0
	○	{ 12 16 58	12 3 40		AUG. .	24 2 30	23 19 24
	AUG. .	{ 27 11 20	27 16 35		SEPT. .	22 15 14	22 12 30
	SEPT. .	26 0 4	26 2 45		OCT. .	22 3 58	22 6 20
	OCT. .	25 12 48	25 12 50		NOV. .	20 16 42	20 23 42
	NOV. .	24 1 32	23 23 16		○	{ 5 11 4	5 1 10
	DEC. .	23 14 16	23 10 15		DEC. .	{ 20 5 23	20 15 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1379.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1382.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				E.			
March.	JAN. .	18 18 11	19 5 27	March.	JAN. .	15 9 21	15 9 2
<i>d. h. m.</i>	FEB. .	17 6 55	17 17 0	<i>d. h. m.</i>	FEB. .	13 22 5	14 3 59
12 22 52	MAR. .	18 19 39	19 2 32	12 16 18	MAR. .	15 10 49	15 21 26
	APRIL	17 8 23	17 10 86		○	30 5 11	30 2 0
	MAY .	16 21 7	16 18 0		APRIL	13 23 33	14 12 21
	○	31 15 29	1 0 11		MAY .	13 12 17	14 0 21
	JUNE .	15 9 51	15 1 44		JUNE .	12 1 1	12 9 53
	JULY .	14 22 35	14 10 54		JULY .	11 13 45	11 17 47
	AUG. .	13 11 19	12 22 28		AUG. .	10 2 29	10 1 9
	SEPT. .	12 0 3	11 12 53		SEPT. .	8 15 13	8 9 3
	OCT. .	11 12 47	11 5 57		○	23 9 35	23 9 59
	NOV. .	10 1 31	10 0 45		OCT. .	8 3 57	7 18 16
	DEC. .	9 14 15	9 19 46		NOV. .	6 16 41	6 5 27
					DEC. .	6 5 25	5 18 53
1380.	JAN. .	8 8 0	8 13 33	1383.	JAN. .	4 18 9	4 10 28
A.G.	FEB. .	6 15 44	7 4 56	D.	FEB. .	3 6 53	3 3 40
12 4 41	MAR. .	7 4 28	7 17 25	12 22 7	MAR. .	4 19 33	4 21 32
	APRIL	5 17 12	6 3 15		APRIL	3 8 22	3 14 50
	MAY .	5 5 56	5 11 6		MAY .	2 21 6	3 6 34
	JUNE .	3 18 40	3 17 56		JUNE .	1 9 50	1 20 5
	JULY .	3 7 24	3 0 47		○	30 22 34	1 7 21
	AUG. .	1 20 8	1 8 49		JULY .	30 11 18	30 16 55
	○	31 8 52	30 19 4		AUG. .	29 0 2	29 1 39
	SEPT. .	29 21 36	29 8 13		SEPT. .	27 12 46	27 10 26
	○	14 15 58	14 19 49		OCT. .	27 1 30	26 20 2
	OCT. .	29 10 20	29 0 27		NOV. .	25 14 14	25 6 48
	NOV. .	27 23 4	27 19 3		DEC. .	25 2 53	24 18 58
	DEC. .	27 11 43	27 14 40				
1381.	JAN. .	26 0 32	26 9 34	1384.	JAN. .	23 15 42	23 8 30
F.	FEB. .	24 13 16	25 2 16	C.B.	○	7 10 4	7 22 45
12 10 30	MAR. .	26 2 0	26 15 58		FEB. .	22 4 26	21 23 19
	○	9 20 22	9 14 23	12 3 56	MAR. .	22 17 10	22 15 7
	APRIL	24 14 44	25 2 39		APRIL	21 5 54	21 7 18
	MAY .	24 3 28	24 10 59		MAY .	20 18 38	20 23 9
	JUNE .	22 16 12	22 17 59		JUNE .	19 7 22	19 13 55
	JULY .	22 4 56	22 0 44		JULY .	18 20 6	19 3 11
	AUG. .	20 17 40	20 8 19		○	2 14 28	2 1 55
	SEPT. .	19 6 24	18 17 45		AUG. .	17 8 50	17 14 57
	○	4 0 46	4 6 27		SEPT. .	15 21 34	16 1 41
	OCT. .	18 19 8	18 5 46		OCT. .	15 10 18	15 12 0
	NOV. .	17 7 52	16 20 39		NOV. .	13 23 2	13 22 25
	DEC. .	16 20 36	16 14 4		DEC. .	13 11 46	13 9 11

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1385.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1388.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				E.D.			
March.				March.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
12 9 45				12 8 12			
	JAN. .	{ 12 0 30	11 20 20		JAN. .	9 15 41	10 8 6
	○	{ 26 18 52	27 6 4		FEB. .	8 4 25	8 15 45
	FEB. .	10 13 15	10 8 1		MAR. .	8 17 9	9 2 7
	MAR. .	12 1 59	11 20 20		APRIL	7 5 53	7 10 40
	APRIL	10 14 43	10 9 35		MAY .	{ 6 18 37	6 18 7
	MAY .	10 3 27	9 23 52		○	{ 21 12 59	21 20 21
	JUNE .	8 16 11	8 14 58		JUNE .	5 7 21	5 1 26
	JULY .	{ 8 4 55	8 6 23		JULY .	4 20 5	4 9 41
	○	{ 22 23 17	22 16 21		AUG. .	8 8 49	2 19 55
	AUG. .	6 17 39	6 21 25		SEPT. .	1 21 33	1 8 56
	SEPT. .	5 6 23	5 11 38		OCT. .	{ 1 10 17	1 0 50
	OCT. .	4 19 7	5 0 51		○	{ 14 17 23	14 13 59
	NOV. .	3 7 51	3 13 12		NOV. .	{ 29 11 45	29 14 18
	DEC. .	2 20 35	3 0 51		DEC. .	29 0 29	29 9 0
	JAN. ○	{ 1 9 19	1 11 53		JAN. .	27 13 18	28 1 41
		{ 16 3 41	16 6 42		FEB. .	26 1 57	26 15 31
	FEB. .	{ 30 22 3	30 22 25		MAR. .	27 14 41	28 2 34
		...	...		APRIL	26 3 25	26 11 12
	MAR. .	{ 1 10 47	1 8 32		○	{ 10 21 47	10 21 3
		{ 30 23 31	30 18 40		MAY .	{ 25 16 9	25 18 19
	APRIL	29 12 15	29 5 26		JUNE .	24 4 53	24 0 53
	MAY .	29 0 59	28 17 27		JULY .	23 17 37	23 8 18
	JUNE .	27 13 43	27 7 6		AUG. .	22 6 21	21 17 22
	○	{ 12 8 5	12 9 32		SEPT. .	20 19 5	20 5 5
	JULY .	{ 27 2 27	26 22 20		OCT. .	20 7 49	19 19 52
	AUG. .	25 15 11	25 14 32		○	{ 4 2 11	4 5 37
	SEPT. .	24 3 55	24 6 55		NOV. .	{ 18 20 38	18 13 23
	OCT. .	23 16 39	23 22 43		DEC. .	18 9 17	18 8 49
	NOV. .	22 5 23	22 13 23				
	DEC. .	21 18 7	22 2 37				
	JAN. .	20 6 51	20 14 18		JAN. .	16 22 2	17 4 16
	FEB. .	18 19 36	19 0 33		FEB. .	15 10 46	15 22 10
	MAR. .	20 8 20	20 9 37		MAR. .	16 23 30	17 13 20
	APRIL	18 21 4	18 18 5		APRIL	{ 15 12 14	16 1 24
	MAY .	18 9 48	18 2 47		○	{ 30 6 36	30 0 15
	JUNE .	16 22 32	16 12 39		MAY .	15 0 53	15 10 46
	JULY .	16 11 16	16 0 33		JUNE .	13 13 42	13 18 18
	AUG. .	15 0 0	14 14 52		JULY .	13 2 28	13 1 3
	SEPT. .	13 12 44	13 7 21		AUG. .	11 15 10	11 8 12
	OCT. .	13 1 23	13 1 10		SEPT. .	10 3 54	9 16 44
	NOV. .	{ 11 14 12	11 19 8		OCT. .	9 16 38	9 3 29
	○	{ 26 8 34	25 23 9		NOV. .	8 5 22	7 16 59
	DEC. .	11 2 56	11 12 5		DEC. .	7 18 6	7 9 12

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1391.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1394.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	6 6 51	6 3 27	D.	JAN. .	2 22 1	2 19 10
March.	FEB. .	4 19 35	4 22 28	March.	FEB. .	1 10 45	1 6 25
<i>d. h. m.</i>	MAR. .	6 8 19	6 16 41	<i>d. h. m.</i>	MAR. .	2 23 29	2 18 6
12 20 38	○	21 2 41	21 1 24	12 14 4	APRIL	1 12 13	1 6 38
	APRIL	4 21 3	5 8 52		MAY .	1 0 57	30 20 3
	MAY .	4 9 47	4 22 15		JUNE .	29 2 25	29 10 36
	JUNE .	2 22 31	3 8 58		JULY .	28 15 9	28 17 19
	JULY .	2 11 15	2 17 37		AUG. .	27 3 53	27 8 14
	AUG. .	30 12 43	1 1 16		SEPT. .	25 16 37	25 22 15
	SEPT. .	29 1 27	28 17 35		OCT. .	25 5 21	25 11 18
	OCT. .	28 14 11	28 3 52		NOV. .	23 18 5	23 23 30
	NOV. .	27 2 55	26 16 12		DEC. .	23 6 49	23 10 55
	DEC. .	26 15 39	26 6 39				
1392.	JAN. .	25 4 23	24 22 57	1395.	JAN. .	21 19 33	21 21 38
G.F.	FEB. .	23 17 7	23 16 21	C.	FEB. .	20 8 17	20 7 46
	○	9 11 29	9 17 49	12 19 53	MAR. .	21 21 1	21 17 35
12 2 27	MAR. .	24 5 51	24 9 51		APRIL	20 9 45	20 3 39
	APRIL	22 18 35	23 2 21		MAY .	19 22 29	19 14 44
	MAY .	22 7 19	22 16 59		JUNE .	18 11 13	18 3 24
	JUNE .	20 20 3	21 5 25		○	3 5 35	3 9 44
	JULY .	20 8 47	20 15 54		JULY .	17 23 57	17 17 51
	AUG. .	18 21 31	19 1 9		AUG. .	16 12 41	16 9 44
	○	2 15 53	2 5 16		SEPT. .	15 1 25	15 2 21
	SEPT. .	17 10 15	17 10 2		OCT. .	14 14 9	14 13 50
	OCT. .	16 22 59	16 19 22		NOV. .	13 2 53	13 10 23
	NOV. .	15 11 43	15 5 39		DEC. .	12 15 37	13 0 32
	DEC. .	15 0 27	14 17 6		○	27 9 59	27 1 56
1393.	JAN. .	13 13 11	13 5 50	1396.	JAN. .	11 4 21	11 13 8
E.	FEB. .	12 1 56	11 19 48	B.A.	FEB. .	9 17 6	9 23 56
	○	26 20 18	27 8 51	12 1 42	MAR. .	10 5 50	10 9 21
12 8 16	MAR. .	13 14 40	13 10 52		APRIL	8 18 34	8 17 50
	APRIL	12 3 24	12 2 40		MAY .	8 7 18	8 2 4
	MAY .	11 16 8	11 13 36		JUNE .	6 20 2	6 11 4
	JUNE .	10 4 52	10 9 58		○	21 14 24	21 23 43
	JULY .	9 17 36	10 0 8		JULY .	6 8 46	5 21 46
	AUG. .	8 6 20	8 12 49		AUG. .	4 21 30	4 10 50
	○	23 0 42	22 11 8		SEPT. .	3 10 14	3 2 23
	SEPT. .	6 19 4	7 0 17		OCT. .	2 22 58	2 19 50
	OCT. .	6 7 43	6 11 0		NOV. .	1 11 42	1 14 7
	NOV. .	4 20 32	4 21 33		DEC. ○	1 0 26	1 7 56
	DEC. .	4 9 16	4 8 13			15 18 43	15 9 52
						30 18 10	31 0 6

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1397. G. March. d. h. m. 12 7 31		d. h. m.	d. h. m.	A.D. 1400. D.C. March. d. h. m. 12 0 57		d. h. m.	d. h. m.
	JAN. .	29 1 55	29 13 59		JAN. .	26 17 5	26 16 52
	FEB. .	27 14 39	28 1 23		FEB. .	25 5 49	25 11 29
	MAR. .	29 3 23	29 10 36		MAR. .	25 18 33	26 4 40
	APRIL	27 16 7	27 18 20		○	{ 9 12 55	9 9 50
	MAY .	27 4 51	27 1 28		APRIL	{ 24 7 17	24 19 26
	○	{ 10 23 13	11 6 50		MAY .	23 20 1	24 7 27
	JUNE .	{ 25 17 35	25 8 59		JUNE .	22 8 45	22 17 6
	JULY .	25 6 19	24 18 6		JULY .	21 21 29	22 1 15
	AUG. .	23 19 3	23 5 41		AUG. .	20 10 13	20 8 57
	SEPT. .	22 7 47	21 20 14		SEPT. .	18 22 57	18 17 12
	OCT. .	21 20 31	21 13 33		○	{ 3 17 19	3 17 23
	NOV. .	20 9 15	20 8 36		OCT. .	{ 18 11 41	18 2 41
	DEC. .	19 21 59	20 3 52		NOV. .	17 0 25	16 14 5
					DEC. .	16 18 9	16 8 28
1398. F. 12 13 20	JAN. .	18 10 43	18 21 44	1401. B. 12 6 46	JAN. .	15 1 53	14 18 44
	FEB. .	16 23 27	17 13 4		FEB. .	13 14 37	13 11 27
	MAR. .	18 12 11	19 1 23		MAR. .	15 3 21	15 4 47
	APRIL	17 0 55	17 10 59		APRIL	13 16 5	13 21 48
	MAY .	16 13 39	16 18 40		MAY .	13 4 49	13 13 17
	JUNE .	15 2 23	15 1 22		JUNE .	11 17 33	12 2 51
	JULY .	14 15 7	14 8 13		JULY .	11 6 17	11 14 24
	AUG. .	13 3 51	12 16 19		AUG. .	9 19 1	10 0 21
	SEPT. .	11 16 35	11 2 42		SEPT. .	8 7 45	8 9 31
	OCT. .	{ 11 5 19	10 16 2		OCT. .	7 20 29	7 18 49
	○	{ 25 23 41	26 4 16		NOV. .	6 9 13	6 4 45
	NOV. .	9 18 3	9 8 22		DEC. .	5 21 57	5 13 39
	DEC. .	9 6 47	9 3 1				
1399. E. 12 19 9	JAN. .	7 19 32	7 22 37	1402. A. 12 12 35	JAN. .	4 10 42	4 3 42
	FEB. .	6 8 16	6 17 23		FEB. .	{ 2 23 26	2 16 50
	MAR. .	7 21 0	8 9 57		○	{ 17 17 48	18 7 8
	APRIL	{ 6 9 44	6 23 30		MAR. .	4 12 10	4 7 4
	○	{ 21 4 6	20 21 41		APRIL	3 0 54	2 22 16
	MAY .	5 22 28	6 10 5		MAY .	2 13 33	2 14 1
	JUNE .	4 11 12	4 18 21		JUNE .	{ 1 2 22	1 5 40
	JULY .	3 23 56	4 1 26			{ 30 15 6	30 20 30
	AUG. .	2 12 40	{ 2 8 21		JULY .	30 3 50	30 10 7
	SEPT. .	{ 1 1 24	{ 31 16 12		○	{ 13 22 12	13 9 19
	○	{ 30 14 8	30 1 52		AUG. .	{ 23 16 31	23 22 25
	OCT. .	{ 15 8 30	15 14 23		SEPT. .	27 5 13	27 9 45
	NOV. .	{ 30 2 52	29 14 3		OCT. .	26 18 2	26 20 38
	DEC. .	28 15 36	23 4 56		NOV. .	25 6 46	25 7 18
		28 4 20	27 22 13		DEC. .	24 19 30	24 18 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1403. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1406. C.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 12 18 24	JAN. .	23 8 14	23 5 6	March. <i>d. h. m.</i> 12 11 50	JAN. .	19 23 24	20 11 35
	O	{ 7 2 36	7 14 1		FEB. .	18 12 8	19 0 8
	FEB. .	{ 21 20 58	21 16 19		MAR. .	20 0 52	20 10 16
	MAR. .	23 9 42	23 4 3		APRIL	18 13 36	18 13 29
	APRIL	21 22 26	21 16 41		MAY .	18 2 20	18 1 39
	MAY .	21 11 10	21 6 31		O	{ 1 20 42	2 2 58
	JUNE .	19 23 54	19 21 25		JUNE .	{ 16 15 4	16 8 45
	JULY .	19 12 38	19 12 54		JULY .	16 8 43	15 16 54
	O	{ 3 7 0	2 23 56		AUG. .	14 16 32	14 3 9
	AUG. .	{ 18 1 22	18 4 19		SEPT. .	13 5 16	12 16 16
	SEPT. .	16 14 6	16 19 6		OCT. .	12 18 0	12 8 23
	OCT. .	16 2 50	16 8 57		NOV. .	{ 11 6 44	11 2 51
	NOV. .	14 15 34	14 21 48		O	{ 26 1 6	25 22 53
	DEC. .	14 4 18	14 9 44		DEC. .	10 19 28	10 22 18
1404. F.E.	JAN. .	{ 12 17 3	12 20 49	1407. B.	JAN. .	9 8 13	9 17 6
12 0 13	O	{ 27 11 25	27 14 29	12 17 39	FEB. .	7 20 57	8 9 43
	FEB. .	11 5 47	11 7 6		MAR. .	9 9 41	9 23 33
	MAR. .	11 18 31	11 16 46		APRIL	7 22 25	8 10 22
	APRIL	10 7 15	10 2 22		MAY .	{ 7 11 9	7 18 47
	MAY .	9 19 59	9 12 36		O	{ 22 5 31	22 3 38
	JUNE .	8 8 43	8 0 14		JUNE .	5 23 53	6 1 47
	JULY .	{ 7 21 27	7 18 42		JULY .	5 12 37	5 8 26
	O	{ 22 15 49	22 17 4		AUG. .	4 1 21	3 15 50
	AUG. .	6 10 11	6 4 59		SEPT. .	2 14 5	2 1 2
	SEPT. .	4 22 55	4 21 31		OCT. .	{ 2 2 49	1 12 54
	OCT. .	4 11 39	4 14 26		O	{ 31 15 33	31 3 51
	NOV. .	3 0 23	3 6 49		NOV. .	{ 15 9 55	15 14 19
	DEC. .	2 13 7	2 21 57		DEC. .	{ 30 4 17	29 21 30
1405. D.	JAN. .	{ 1 1 52	1 11 21	1408. A.G.	JAN. .	28 5 46	28 12 7
12 6 2	FEB. .	{ 30 14 36	30 23 2	11 23 23	FEB. .	26 18 30	27 5 51
	...	...	...		MAR. .	27 7 14	27 20 52
	MAR. .	{ 1 3 20	1 9 0		APRIL	25 19 58	26 8 49
	APRIL	{ 30 16 4	30 17 41		O	{ 10 14 20	10 7 16
	MAY .	25 4 48	29 1 43		MAY .	{ 25 8 42	25 18 8
	JUNE .	28 17 32	28 10 2		JUNE .	23 21 26	24 1 42
	JULY .	27 6 16	26 19 38		JULY .	23 10 10	23 8 33
	AUG. .	26 19 0	26 7 26		AUG. .	21 22 54	21 16 0
	SEPT. .	25 7 44	24 21 49		SEPT. .	20 11 38	20 0 49
	OCT. .	23 20 23	23 14 33		OCT. .	20 0 22	19 11 46
	NOV. .	23 9 12	23 8 48		NOV. .	18 13 6	18 1 20
	O	{ 6 16 18	6 7 56		DEC. .	18 1 50	17 17 27
	DEC. .	{ 21 10 40	21 20 27				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1409. F. March. <i>d. h. m.</i> 12 5 17		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1412. C.B. March. <i>d. h. m.</i> 11 22 43		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 14 34	16 11 24		JAN. .	14 5 44	14 4 3
	FEB. .	15 3 18	15 6 2		FEB. .	12 18 28	12 14 55
	MAR. .	{ 16 16 2	16 23 56		MAR. .	13 7 12	13 2 4
	○	{ 31 10 24	31 9 22		APRIL	11 19 56	11 13 54
	APRIL	15 4 46	15 15 54		MAY .	11 8 40	11 2 52
	MAY .	14 17 30	15 5 16		JUNE .	9 21 24	9 17 7
	JUNE .	13 6 14	13 16 3		JULY .	9 10 8	9 8 21
	JULY .	12 18 58	13 0 56		AUG. .	7 22 52	8 0 2
	AUG. .	11 7 42	11 8 55		SEPT. .	6 11 36	6 15 26
	SEPT. .	9 20 26	9 16 59		OCT. .	6 0 20	6 6 5
	OCT. .	9 9 10	9 1 58		NOV. .	4 13 4	4 19 44
	NOV. .	7 21 54	7 12 29		DEC. .	4 1 48	4 8 17
	DEC. .	7 10 38	7 0 51				
1410. E. 12 11 6	JAN. .	5 23 23	5 15 6	1413. A. 12 4 32	JAN. .	2 14 33	2 19 52
	FEB. .	4 12 7	4 6 57		FEB. .	1 3 17	1 6 26
	MAR. .	{ 6 0 51	5 23 48		MAR. .	2 16 1	2 16 11
	○	{ 20 19 13	21 2 1		APRIL	{ 1 4 45	1 1 29
	APRIL	4 13 35	4 16 51			{ 30 17 29	30 11 2
	MAY .	4 2 19	4 9 4		MAY .	30 6 13	29 21 40
	JUNE .	2 15 3	2 23 41		JUNE .	{ 28 18 57	28 10 4
	JULY .	{ 2 3 47	2 12 20		○	{ 13 13 19	13 17 10
		{ 31 16 31	31 23 10		JULY .	28 7 41	28 0 28
	AUG. .	30 5 15	30 8 54		AUG. .	26 20 25	26 16 35
	○	{ 13 23 37	13 12 30		SEPT. .	25 9 9	25 9 40
	SEPT. .	{ 28 17 59	28 18 17		OCT. .	24 21 53	25 2 42
	OCT. .	28 6 43	28 4 1		NOV. .	23 10 37	23 13 46
	NOV. .	26 19 27	26 14 31		DEC. .	22 23 21	23 9 14
	DEC. .	26 8 11	26 1 57				
1411. D. 12 16 55	JAN. .	24 20 56	24 14 23	1414. G. 12 10 21	○	{ 6 17 43	6 10 13
	FEB. .	23 9 40	23 3 48		JAN. .	{ 21 12 5	21 21 47
	○	{ 10 4 2	10 16 58		FEB. .	20 0 49	20 8 28
	MAR. .	{ 24 22 24	24 13 15		MAR. .	21 13 33	21 17 33
	APRIL	23 11 8	23 9 31		APRIL	20 2 17	20 1 34
	MAY .	22 23 52	23 1 7		MAY .	19 15 1	19 9 27
	JUNE .	21 12 36	21 16 27		JUNE .	18 3 45	17 18 9
	JULY .	21 1 20	21 6 51		○	{ 2 22 7	3 6 46
	AUG. .	19 14 4	19 20 3		JULY .	{ 17 16 29	17 4 42
	○	{ 3 8 26	2 13 34		AUG. .	16 5 13	15 17 46
	SEPT. .	{ 18 2 48	18 8 6		SEPT. .	14 17 57	14 9 29
	OCT. .	17 15 32	17 19 24		OCT. .	14 6 41	14 3 18
	NOV. .	16 4 16	16 6 20		NOV. .	12 19 25	12 22 0
	DEC. .	15 17 0	15 17 12		DEC. .	{ 12 8 9	12 16 8
					○	{ 27 2 31	26 18 36

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1415. F. March. <i>d. h. m.</i> 12 16 10		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1418. B. March. <i>d. h. m.</i> 12 9 36		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	10 20 54	11 8 32		JAN. .	7 12 4	7 6 19
	FEB. .	9 9 38	9 22 23		FEB. .	6 0 48	6 0 36
	MAR. .	10 22 22	11 9 35		MAR. .	7 13 32	7 13 50
	APRIL .	9 11 6	9 18 30		APRIL .	{ 6 2 16	6 11 45
	MAY .	8 23 50	9 1 57		○	{ 20 20 38	20 17 31
	JUNE .	{ 7 12 31	7 8 51		MAY .	5 15 0	6 2 23
	○	{ 22 6 56	22 13 25		JUNE .	4 3 44	4 14 27
	JULY .	7 1 18	6 16 18		JULY .	3 16 28	4 0 17
	AUG. .	5 14 2	5 1 23		AUG. .	{ 2 5 12	2 8 45
	SEPT. .	4 2 46	3 13 2			{ 31 17 56	31 16 51
	OCT. .	3 15 30	3 3 46		SEPT. .	30 6 40	30 1 28
	NOV. .	2 4 14	1 21 17		○	{ 15 1 2	15 0 53
	DEC. .	{ 1 16 58	1 16 31		OCT. .	{ 29 19 24	29 11 20
		{ 31 5 42	31 11 54		NOV. .	28 8 8	27 22 48
					DEC. .	27 20 52	27 12 2
1416. K.D. 11 21 59	JAN. .	29 18 27	30 5 48	1419. A. 12 15 25	JAN. .	26 9 37	26 2 56
	FEB. .	28 7 11	28 21 2		FEB. .	24 22 21	24 19 7
	MAR. .	28 19 55	29 9 11		MAR. .	26 11 5	26 11 56
	APRIL .	27 8 39	27 13 37		○	{ 10 5 27	10 10 5
	MAY .	26 21 23	27 2 8		APRIL .	{ 24 23 49	25 4 30
	JUNE .	25 10 7	25 8 48		MAY .	24 12 33	24 19 55
	JULY .	24 22 51	24 15 43		JUNE .	23 1 17	23 9 37
	AUG. .	23 11 35	22 23 59		JULY .	22 14 1	22 21 29
	SEPT. .	22 0 19	21 10 32		AUG. .	21 2 45	21 7 55
	OCT. .	21 13 3	21 0 1		SEPT. .	19 15 29	19 17 37
	○	{ 5 7 25	5 12 43		OCT. .	19 4 13	19 3 21
	NOV. .	{ 20 1 47	19 16 25		NOV. .	17 16 57	17 13 36
	DEC. .	19 14 31	19 11 1		DEC. .	17 5 41	17 0 35
1417. C. 12 3 48	JAN. .	18 3 15	18 6 38	1420. G.F. 11 21 14	JAN. .	15 18 25	15 12 23
	FEB. .	16 15 59	17 1 4		FEB. .	{ 14 7 9	14 1 4
	MAR. .	18 4 43	18 17 27		○	{ 29 1 31	29 15 9
	APRIL .	16 17 27	17 6 52		MAR. .	14 19 53	14 14 42
	○	{ 1 11 49	1 4 54		APRIL .	13 8 37	13 5 18
	MAY .	{ 16 6 11	16 17 23		MAY .	12 21 21	12 20 36
	JUNE .	14 18 55	15 1 42		JUNE .	11 10 5	11 12 5
	JULY .	14 7 39	14 8 54		JULY .	10 22 49	11 3 6
	AUG. .	12 20 23	12 16 8		AUG. .	{ 9 11 33	9 17 6
	SEPT. .	11 9 7	11 0 10		○	{ 24 5 55	23 16 50
	OCT. .	{ 10 21 51	10 10 6		SEPT. .	8 0 17	8 5 59
	○	{ 25 16 18	25 22 24		OCT. .	7 13 1	7 17 53
	NOV. .	9 10 35	8 22 25		NOV. .	6 1 45	6 5 13
	DEC. .	8 23 19	8 13 16		DEC. .	5 14 29	5 16 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1421. E.		d. h. m.	d. h. m.	A.D. 1424. B.A.		d. h. m.	d. h. m.
March. d. h. m. 12 3 3	JAN. .	4 3 14	4 3 6	March. d. h. m. 11 20 29	JAN. .	{ 1 18 24 31 7 8	{ 2 4 46 31 19 58
	FEB. .	{ 2 15 58 17 10 20	{ 2 13 48 17 21 51		FEB. .	29 19 52	{ 1 8 25 30 18 16
	MAR. .	4 4 42	4 0 31		MAR. .	30 8 36	{ 30 18 16 29 2 13
	APRIL	2 17 26	2 11 40		APRIL	28 21 20	29 2 13
	MAY .	{ 2 6 10 31 18 54	{ 1 23 45 31 13 9		MAY .	28 10 4	28 9 9
	JUNE .	30 7 38	30 3 52		○	{ 12 4 26 26 22 48	{ 12 9 29 26 16 7
	JULY .	29 20 22	29 19 30		JUNE .	26 11 32	26 0 15
	○	{ 13 14 44 28 9 6	{ 18 7 37 28 11 20		JULY .	25 0 16	24 10 33
	AUG. .	{ 28 9 6 26 21 50	{ 28 11 20 27 2 42		AUG. .	23 13 0	22 23 48
	SEPT. .	26 10 34	26 17 9		SEPT. .	23 1 44	22 16 5
	OCT. .	24 23 13	25 6 29		OCT. .	21 14 28	21 10 43
	NOV. .	24 12 2	24 18 39		NOV. .	○ { 6 8 50 21 3 12	{ 6 7 50 21 6 13
	DEC. .				DEC. .		
1422. D.	JAN. .	23 0 47	23 5 40	1425. G.	JAN. .	19 15 57	20 1 8
12 8 52	○	{ 6 19 9 21 13 31	{ 6 22 13 21 15 37	12 2 18	FEB. .	18 4 41	18 17 46
	FEB. .	23 2 15	23 0 52		MAR. .	19 17 25	20 7 23
	MAR. .	21 14 59	21 9 57		APRIL	18 6 9	18 13 1
	APRIL	21 3 43	20 19 43		MAY .	17 18 53	18 2 13
	MAY .	19 16 27	19 7 1		○	{ 1 13 15 16 7 37	{ 1 10 8 18 9 14
	JUNE .	19 5 11	18 20 21		JUNE .	15 20 21	15 15 55
	○	{ 2 23 33 17 17 55	{ 3 0 40 17 11 45		JULY .	14 9 5	13 23 23
	AUG. .	16 6 39	16 4 40		AUG. .	12 21 49	12 8 52
	SEPT. .	15 19 23	15 22 4		SEPT. .	12 10 33	11 20 54
	OCT. .	14 8 7	14 14 59		OCT. .	{ 10 23 17 25 17 39	{ 10 11 55 25 23 8
	NOV. .	13 20 51	14 6 30		NOV. .	○ { 25 17 39 10 12 1	{ 25 23 8 10 5 31
	DEC. .				DEC. .		
1423. C.	JAN. .	12 9 35	12 20 6	1426. F.	JAN. .	9 0 45	9 0 43
12 14 41	FEB. .	10 22 19	11 7 38	12 8 7	FEB. .	7 13 29	7 19 50
	MAR. .	12 11 3	12 17 17		MAR. .	9 2 13	9 13 21
	APRIL	10 23 47	11 1 35		APRIL	7 14 57	8 4 12
	MAY .	10 12 31	10 9 15		MAY .	{ 7 3 41 21 22 8	{ 7 16 5 21 14 12
	JUNE .	9 1 15	8 17 15		○	{ 21 22 8 5 16 25	{ 21 14 12 6 1 24
	JULY .	8 13 59	8 2 40		JUNE .	5 5 9	5 9 6
	AUG. .	7 2 43	6 14 24		JULY .	3 17 53	3 16 15
	SEPT. .	5 15 27	5 4 53		AUG. .	2 6 37	1 23 54
	OCT. .	5 4 11	4 21 55		SEPT. .	{ 1 19 21 31 8 5	{ 1 9 0 30 20 10
	NOV. .	3 16 55	3 16 30		NOV. .	29 20 49	29 9 43
	DEC. .	{ 3 5 39 18 0 1	{ 3 11 16 17 16 45		DEC. .	29 9 33	29 1 42

JERUSALEM CIVIL TIME

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1427. E. March. <i>d. h. m.</i> 12 13 56	JAN. .	<i>d. h. m.</i> 27 22 18	<i>d. h. m.</i> 27 19 19	A.D. 1430. A. March. <i>d. h. m.</i> 12 7 22	JAN. .	<i>d. h. m.</i> 24 13 28	<i>d. h. m.</i> 24 12 52
	FEB. .	26 11 2	26 13 33		FEB. .	23 2 12	22 23 20
	MAR. .	27 23 46	28 7 5		MAR. .	24 14 56	24 9 55
	○	{ 11 18 8	11 17 15		APRIL	23 3 40	22 21 11
	APRIL	{ 26 12 30	26 22 50		MAY .	22 16 24	22 9 40
	MAY .	26 1 14	26 12 10		JUNE .	21 5 8	20 23 37
	JUNE .	24 13 58	24 23 8		JULY .	20 17 52	20 14 52
	JULY .	24 2 42	24 8 19		AUG. .	19 6 36	19 6 51
	AUG. .	22 15 26	22 16 40		○	{ 8 0 58	2 15 39
	SEPT. .	21 4 10	21 1 9		SEPT. .	{ 17 19 20	17 22 47
	OCT. .	20 16 54	20 10 30		OCT. .	17 8 4	17 14 3
	NOV. .	19 5 38	18 21 14		NOV. .	15 20 48	16 4 14
	DEC. .	18 18 22	18 9 33		DEC. .	15 9 32	15 17 7
1428. D.C. 11 19 45	JAN. .	17 7 6	16 23 29	1431. G. 12 13 11	JAN. .	13 22 16	14 4 44
	FEB. .	15 19 50	15 14 50		FEB. .	12 11 0	12 15 4
	MAR. .	{ 16 8 34	16 7 9		MAR. .	13 23 44	14 0 25
	○	{ 31 2 56	31 10 2		APRIL	12 12 23	12 9 5
	APRIL	14 21 18	14 23 43		MAY .	12 1 12	11 18 20
	MAY .	14 10 2	14 15 41		JUNE .	10 13 56	10 4 35
	JUNE .	12 22 46	13 6 19		JULY .	{ 10 2 40	9 16 45
	JULY .	12 11 30	12 19 12		○	{ 24 21 2	25 0 36
	AUG. .	11 0 14	11 6 30		AUG. .	8 15 24	8 7 10
	SEPT. .	{ 9 12 58	9 16 44		SEPT. .	7 4 8	6 23 33
	○	{ 24 7 20	23 19 53		OCT. .	6 16 52	6 17 5
	OCT. .	9 1 42	9 2 38		NOV. .	5 5 36	5 10 38
	NOV. .	7 14 26	7 12 46		DEC. .	4 18 20	5 3 8
	DEC. .	7 3 10	6 23 27				
1429. B. 12 1 34	JAN. .	5 15 55	5 10 48	1432. F.E. 11 19 0	JAN. .	{ 3 7 5	3 17 53
	FEB. .	4 4 39	3 22 49		○	{ 18 1 27	17 18 27
	MAR. .	{ 5 17 23	5 11 41		FEB. .	1 19 49	2 6 25
	○	{ 20 11 45	21 0 54		MAR. .	{ 2 8 33	2 16 52
	APRIL	4 6 7	4 1 31			{ 31 21 17	{ 1 1 35
	MAY .	3 18 51	3 16 15		APRIL	30 10 1	{ 30 9 17
	JUNE .	2 7 35	2 7 35		MAY .	29 22 45	29 16 49
	JULY .	{ 1 20 19	1 22 55		JUNE .	28 11 29	28 1 17
		{ 31 9 3	31 13 39		○	{ 13 5 51	13 13 51
	AUG. .	29 21 47	30 3 21		JULY .	{ 23 0 13	27 11 44
	○	{ 13 16 9	13 2 15		AUG. .	26 12 57	26 0 51
	SEPT. .	{ 23 10 31	23 16 1		SEPT. .	25 1 41	24 16 48
	OCT. .	27 23 15	28 3 52		OCT. .	24 14 25	24 10 54
	NOV. .	26 11 59	26 15 12		NOV. .	23 3 9	23 5 56
	DEC. .	26 0 43	26 2 11		DEC. .	22 15 53	23 0 22

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1433.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1436.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	○	{ 6 10 15	6 3 19	A.G.	JAN. .	18 19 48	18 14 24
March.	JAN. .	{ 21 4 38	21 16 52	March.	FEB. .	17 8 32	17 8 16
<i>d. h. m.</i>	FEB. .	19 17 22	20 6 39	<i>d. h. m.</i>	MAR. .	17 21 16	18 2 5
12 0 49	MAR. .	21 6 6	21 17 38	11 18 15	APRIL	16 10 0	16 18 41
	APRIL	19 18 50	20 2 19		○	{ 1 4 22	1 1 8
	MAY .	19 7 34	19 9 32		MAY .	{ 15 22 44	16 9 14
	JUNE .	17 20 18	17 16 16		JUNE .	14 11 28	14 21 24
	○	{ 2 14 40	2 20 1		JULY .	14 0 12	14 7 31
	JULY .	{ 17 9 2	16 23 40		AUG. .	12 12 56	12 16 21
	AUG. .	15 21 46	15 8 47		SEPT. .	11 1 40	11 0 52
	SEPT. .	14 10 30	13 20 34		OCT. .	{ 10 14 24	10 9 55
	OCT. .	13 23 14	13 11 27		○	{ 25 8 46	25 8 32
	NOV. .	12 11 58	12 5 8		NOV. .	9 3 8	8 20 3
	DEC. .	12 0 42	12 0 28		DEC. .	8 15 52	8 7 36
1434.	JAN. .	10 13 26	10 19 55	1437.	JAN. .	7 4 36	6 20 37
C.	FEB. .	9 2 10	9 13 54	F.	FEB. .	5 17 20	5 11 4
12 6 38	MAR. .	10 14 54	11 4 50	12 0 4	MAR. .	7 6 4	7 2 40
	APRIL	9 3 38	9 16 51		APRIL	{ 5 18 48	5 18 57
	MAY .	8 16 22	9 2 8		○	{ 20 18 10	20 17 53
	JUNE .	7 5 6	7 9 35		MAY .	5 7 32	5 11 8
	JULY .	6 17 50	6 16 17		JUNE .	3 20 16	4 2 27
	AUG. .	5 6 34	4 23 18		JULY .	3 9 0	3 16 20
	SEPT. .	3 19 18	3 7 46		AUG. .	{ 1 21 44	2 4 36
	OCT. .	3 8 2	2 18 32			{ 31 10 28	31 15 33
	NOV. .	1 20 46	1 8 6		SEPT. .	29 23 12	30 1 43
	DEC. .	{ 1 9 30	1 0 31		OCT. .	29 11 56	29 11 59
		{ 30 22 14	30 19 1		NOV. .	28 0 40	27 22 30
1435.	JAN. .	29 10 59	29 14 17	1438.	JAN. .	26 2 9	25 21 2
B.	FEB. .	27 23 43	28 8 33	E.	FEB. .	24 14 53	24 9 12
12 12 27	MAR. .	29 12 27	30 0 47		○	{ 11 9 15	11 23 7
	APRIL	28 1 11	28 14 6		MAR. .	{ 26 3 37	25 22 13
	○	{ 12 19 33	12 12 4	12 5 53	APRIL	24 16 21	24 12 14
	MAY .	{ 27 13 55	28 0 37		MAY .	24 5 5	24 3 9
	JUNE .	26 2 39	26 9 2		JUNE .	22 17 49	22 18 31
	JULY .	25 15 23	25 16 25		JULY .	22 6 33	22 9 44
	AUG. .	24 4 7	23 23 52		AUG. .	20 19 17	21 0 12
	SEPT. .	22 16 51	22 8 19		SEPT. .	19 8 1	19 13 39
	OCT. .	22 5 35	21 18 31		OCT. .	18 20 45	19 2 10
	○	{ 5 23 57	6 6 31		NOV. .	17 9'29	17 13 53
	NOV. .	{ 20 18 19	20 6 56		DEC. .	16 22 13	17 1 13
	DEC. .	20 7 3	19 21 41				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1439.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1442.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	15 10 58	15 12 0	G.	JAN. .	12 2 7	12 13 2
March.	FEB. .	{ 13 23 42	13 22 23	March.	FEB. .	10 14 51	11 4 12
<i>d. h. m.</i>	○	{ 28 18 4	{ 1 5 81	<i>d. h. m.</i>	MAR. .	12 3 35	12 16 28
12 11 41	MAR. .	15 12 26	{ 15 8 36	12 5 8	APRIL .	10 16 19	11 2 7
	APRIL .	14 1 10	13 19 10		MAY .	10 5 3	10 9 50
	MAY .	13 18 54	13 6 44		JUNE .	{ 8 17 47	8 16 36
	JUNE .	12 2 38	11 19 46		○	{ 23 12 9	23 15 59
	JULY .	11 15 22	11 10 23		JULY .	8 6 31	7 23 30
	AUG. .	{ 10 4 6	10 2 11		AUG. .	6 19 15	6 7 39
	○	{ 24 22 28	24 15 26		SEPT. .	5 7 59	4 18 5
	SEPT. .	8 16 50	8 18 26		OCT. .	4 20 43	4 7 28
	OCT. .	8 5 34	8 10 24		NOV. .	3 9 27	2 23 54
	NOV. .	6 18 18	7 1 27		DEC. .	{ 2 22 11	2 18 39
	DEC. .	6 7 2	6 15 11		○	{ 17 16 33	17 16 43
1440.	JAN. .	4 19 46	5 3 31	1443.	JAN. .	{ 1 10 56	1 14 17
C.B.	FEB. .	{ 8 8 30	8 14 24	F.	{ 30 23 40	31 9 4	
	○	{ 18 2 52	18 5 47		FEB. .	...	...
11 17 30	MAR. .	3 21 14	4 0 8	12 10 57	MAR. .	{ 1 12 24	2 1 33
	APRIL .	2 9 58	2 8 49		{ 31 1 8	31 15 2	
	MAY .	{ 1 22 42	1 17 26		APRIL .	29 13 52	30 1 32
	{ 31 11 26	31 2 48			MAY .	29 2 36	29 9 44
	JUNE .	30 0 10	29 13 50		○	{ 12 20 53	12 16 39
	JULY .	29 12 54	29 8 4		JUNE .	{ 27 15 20	27 16 40
	○	{ 13 7 16	13 8 19		JULY .	27 4 4	26 23 23
	AUG. .	{ 23 1 38	23 13 33		AUG. .	25 16 48	25 7 12
	SEPT. .	26 14 22	26 11 53		SEPT. .	24 5 32	23 16 50
	OCT. .	26 3 6	26 5 48		OCT. .	23 13 16	23 5 3
	NOV. .	24 13 50	24 23 11		NOV. .	22 7 0	21 20 8
	DEC. .	24 4 34	24 15 2		○	{ 7 1 22	7 7 55
1441.	JAN. .	22 17 19	23 4 44	1444.	JAN. .	20 8 29	20 8 37
A.	FEB. .	21 6 3	21 16 6	F.D.	FEB. .	18 21 13	19 3 26
11 23 19	MAR. .	22 18 47	23 1 28	11 16 46	MAR. .	19 9 57	19 20 42
	APRIL .	21 7 31	21 9 24		APRIL .	17 22 41	18 11 24
	MAY .	20 20 15	20 16 44		MAY .	17 11 25	{ 17 23 14
	JUNE .	19 8 59	19 0 30		○	{ 1 5 47	31 21 7
	JULY .	18 21 43	18 9 47		JUNE .	{ 16 0 9	16 8 39
	AUG. .	17 10 27	16 21 30		JULY .	15 12 53	15 16 31
	SEPT. .	15 23 11	15 12 8		AUG. .	14 1 37	13 23 57
	OCT. .	15 11 55	15 5 25		SEPT. .	12 14 21	12 7 53
	NOV. .	14 0 39	14 0 19		OCT. .	12 3 5	11 17 22
	DEC. .	{ 13 18 23	13 19 21		NOV. .	10 15 49	10 4 43
	○	{ 23 7 45	23 1 35		DEC. .	10 4 33	9 13 17

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1445. c. March. d. h. m. 11 22 35		d. h. m.	d. h. m.	A.D. 1448. g.f. March. d. h. m. 11 16 1		d. h. m.	d. h. m.
	JAN. .	8 17 17	8 9 57		JAN. .	6 8 27	6 11 7
	FEB. .	7 6 1	7 3 8		FEB. .	4 21 11	4 21 35
	MAR. .	8 18 45	8 20 53		MAR. .	5 9 55	5 7 36
	APRIL .	7 7 29	7 14 3		APRIL .	8 22 39	8 17 39
	MAY .	6 20 13	7 5 37		MAY .	8 11 23	8 4 21
	JUNE .	5 8 57	5 19 0		JUNE .	2 0 7	1 16 24
	JULY .	4 21 41	5 6 11		JULY .	{ 1 12 51	1 6 9
	AUG. .	3 10 25	3 15 44		AUG. .	{ 31 1 35	30 21 28
	SEPT. .	1 23 9	2 0 32		SEPT. .	{ 29 14 19	29 13 46
	OCT. .	{ 1 11 53	1 9 27		OCT. .	{ 13 8 41	12 23 40
	NOV. .	{ 31 0 37	30 19 9		NOV. .	{ 28 3 3	28 6 14
	DEC. .	29 13 21	29 6 3		DEC. .	{ 27 15 47	27 22 5
		29 2 5	23 18 16			26 4 31	26 12 45
						25 17 15	26 1 55
1446. b. 12 4 23	JAN. .	27 14 50	27 7 50	1449. e. 11 21 50	JAN. .	21 6 0	24 13 31
	FEB. .	26 3 34	25 22 38		FEB. .	22 18 44	22 23 37
	MAR. .	27 16 18	27 14 21		MAR. .	24 7 28	24 8 33
	○	{ 11 10 40	11 17 57		APRIL .	22 20 12	22 16 56
	APRIL .	{ 26 5 2	26 6 28		MAY .	22 8 56	22 1 36
	MAY .	25 17 46	25 22 14		JUNE .	20 21 40	20 11 32
	JUNE .	24 6 30	24 12 56		JULY .	20 10 24	19 23 33
	JULY .	23 19 14	24 2 9		○	{ 4 4 46	4 8 9
	AUG. .	22 7 58	22 13 56		AUG. .	{ 18 23 8	18 14 2
	SEPT. .	20 20 42	21 0 44		SEPT. .	17 11 52	17 6 40
	○	{ 5 15 4	5 3 25		OCT. .	17 0 36	17 0 37
	OCT. .	{ 20 9 26	20 11 8		NOV. .	15 13 20	15 18 39
	NOV. .	18 22 10	18 21 38		DEC. .	15 2 4	15 11 33
	DEC. .	18 10 54	18 8 25				
1447. a. 12 10 12	JAN. .	16 23 39	16 19 36	1450. d. 12 3 39	JAN. .	{ 13 14 49	14 2 27
	FEB. .	15 12 23	15 7 12		○	{ 28 9 11	28 2 38
	MAR. .	{ 17 1 7	16 19 28		FEB. .	12 8 33	12 14 53
	○	{ 31 19 29	{ 1 8 42		MAR. .	13 16 17	14 1 8
	APRIL .	15 13 51	{ 15 8 40		APRIL .	12 5 1	12 9 30
	MAY .	15 2 35	14 22 56		MAY .	11 17 43	11 16 52
	JUNE .	13 15 19	13 14 4		JUNE .	10 6 29	10 0 9
	JULY .	13 4 3	13 5 27		JULY .	{ 9 19 13	9 8 23
	AUG. .	11 16 47	11 20 12		○	{ 24 18 35	24 20 57
	SEPT. .	{ 10 5 31	10 10 47		AUG. .	8 7 57	7 13 53
	○	{ 24 23 53	24 10 6		SEPT. .	6 20 41	6 8 6
	OCT. .	9 18 15	10 0 4		OCT. .	6 9 25	6 0 18
	NOV. .	8 6 59	8 12 27		NOV. .	4 22 9	4 18 37
	DEC. .	7 19 43	8 0 5		DEC. .	4 10 53	4 18 55

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1451. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1454. f.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 12 9 28	JAN. .	{ 2 23 37	3 8 32	March. <i>d. h. m.</i> 12 2 54	JAN. .	29 3 31	28 22 25
	○	{ 17 17 59	17 12 1		FEB. .	27 16 15	27 15 46
	FEB. .	1 12 21	2 1 3		MAR. .	29 4 59	29 9 8
	MAR. .	3 1 5	3 14 54		APRIL	27 17 43	28 1 28
	APRIL	1 13 49	2 1 31		○	{ 12 12 5	12 8 38
	MAY .	{ 1 2 38	1 9 59		MAY .	{ 27 6 27	27 15 59
		{ 30 15 17	30 17 0		JUNE .	25 19 11	26 4 18
	JUNE .	29 4 1	28 23 40		JULY .	25 7 55	25 14 45
	○	{ 13 22 23	14 2 37		AUG. .	23 20 39	24 0 1
	JULY .	{ 28 16 45	28 7 6		SEPT. .	22 9 23	22 9 2
	AUG. .	27 5 29	26 16 19		OCT. .	21 22 7	21 18 28
	SEPT. .	25 18 13	25 4 15		○	{ 5 16 29	5 16 16
	OCT. .	25 6 57	24 19 16		NOV. .	{ 20 10 51	20 4 51
	NOV. .	23 19 41	23 13 3		DEC. .	19 23 35	19 16 24
	DEC. .	23 8 25	23 8 26				
1452. B.A.	JAN. .	21 21 10	22 3 50	1455. E.	JAN. .	18 12 20	18 5 10
11 15 16	FEB. .	20 9 54	20 21 32	12 8 43	FEB. .	17 1 4	16 19 6
	MAR. .	20 22 38	21 12 30		MAR. .	18 13 48	18 10 7
	APRIL	19 11 22	20 0 21		APRIL	17 2 32	17 1 50
	MAY .	19 0 6	19 9 33		○	{ 1 20 54	2 1 16
	JUNE .	17 12 50	17 16 59		MAY .	{ 16 15 16	16 17 44
	JULY .	17 1 34	16 23 47		JUNE .	15 4 0	15 9 1
	AUG. .	15 14 18	15 7 2		JULY .	14 16 44	14 23 7
	SEPT. .	14 3 2	13 15 43		AUG. .	13 5 23	13 11 43
	OCT. .	13 15 46	13 2 41		SEPT. .	11 18 12	11 23 13
	NOV. .	12 4 30	11 16 23		OCT. .	11 6 56	11 10 7
	DEC. .	11 17 14	11 8 44		NOV. .	9 19 40	9 20 44
					DEC. .	9 8 24	9 7 27
1453. G.	JAN. .	10 5 59	10 3 8	1456. D.C.	JAN. .	7 21 8	7 18 24
11 21 5	FEB. .	8 18 43	8 21 53	11 14 32	FEB. .	6 9 52	6 5 36
	MAR. .	10 7 27	10 16 2		MAR. .	{ 6 22 36	6 17 13
	APRIL	8 20 11	9 7 59		○	{ 21 16 58	22 6 55
	MAY .	{ 8 8 55	8 21 13		APRIL	5 11 20	5 5 37
	○	{ 23 3 17	22 19 10		MAY .	5 0 4	4 19 5
	JUNE .	6 21 39	7 7 46		JUNE .	3 12 43	3 9 41
	JULY .	6 10 23	6 16 23		JULY .	3 1 32	3 0 57
	AUG. .	4 23 7	5 0 3		AUG. .	{ 1 14 16	1 16 24
	SEPT. .	3 11 51	3 7 50			{ 31 3 0	31 7 22
	OCT. .	3 0 35	2 16 37		SEPT. .	29 15 44	29 21 27
	NOV. .	{ 1 13 19	{ 1 3 5		OCT. .	29 4 23	29 10 32
	○	{ 16 7 41	{ 16 14 42		NOV. .	27 17 12	27 22 45
	DEC. .	{ 1 2 3	{ 30 15 32		DEC. .	27 5 56	27 10 9
		{ 30 14 47	{ 30 6 16				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1457.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1460.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				F.E.	O	{ 8 15 29	8 10 25
March.	JAN. .	25 18 41	25 20 49	March.	JAN. .	{ 23 9 51	23 21 12
<i>d. h. m.</i>	FEB. .	24 7 25	24 6 51	<i>d. h. m.</i>	FEB. .	21 22 35	22 12 19
11 20 21	O	{ 11 1 47	11 13 0	11 13 47	MAR. .	22 11 19	23 0 25
	MAR. .	{ 25 20 9	25 16 33		APRIL	21 0 3	21 9 50
	APRIL	24 8 53	24 2 35		MAY .	20 12 47	20 17 22
	MAY .	23 21 37	23 13 39		JUNE .	19 1 31	19 0 8
	JUNE .	22 10 21	22 2 23		O	{ 8 19 53	8 22 28
	JULY .	21 23 5	21 16 56		JULY .	{ 18 14 15	18 6 57
	AUG. .	20 11 49	20 8 56		AUG. .	17 2 59	16 15 18
	O	{ 4 6 11	3 23 21		SEPT. .	15 15 43	15 1 47
	SEPT. .	{ 19 0 33	19 1 39		OCT. .	15 4 27	14 15 20
	OCT. .	18 13 17	18 18 12		NOV. .	13 17 11	13 7 53
	NOV. .	17 2 1	17 9 47		DEC. .	{ 13 5 55	13 2 38
	DEC. .	16 14 45	16 23 53		O	{ 28 0 17	28 1 47
1458.	JAN. .	15 3 29	15 12 18	1461.	JAN. .	11 18 40	11 22 12
A.	FEB. .	{ 13 16 14	13 23 3	D.	FEB. .	10 7 24	10 16 51
12 2 9	O	{ 28 10 36	28 13 15	11 19 36	MAR. .	11 20 8	12 9 11
	MAR. .	15 4 58	15 8 20		APRIL	10 8 52	10 22 32
	APRIL	13 17 42	13 16 41		MAY .	9 21 36	10 8 55
	MAY .	13 6 26	13 0 52		JUNE .	{ 8 10 20	8 17 6
	JUNE .	11 19 10	11 9 53		O	{ 23 4 42	22 23 19
	JULY .	11 7 54	10 20 42		JULY .	7 23 4	8 0 8
	AUG. .	{ 9 20 38	9 9 55		AUG. .	6 11 48	6 7 7
	O	{ 24 15 0	24 16 6		SEPT. .	5 0 32	4 15 7
	SEPT. .	8 9 22	8 1 39		OCT. .	4 13 16	4 0 58
	OCT. .	7 22 6	7 19 15		NOV. .	3 2 0	2 13 20
	NOV. .	6 10 50	6 13 39		DEC. O	{ 2 14 44	2 4 25
	DEC. .	5 23 34	6 7 26			{ 17 9 6	17 16 47
1459.	JAN. .	4 12 18	4 23 31	1462.	JAN. .	{ 1 3 28	...
G.	FEB. .	3 1 2	3 13 14	C.	FEB. .	{ 30 16 12	30 16 28
12 7 58	MAR. .	4 13 46	5 0 26	12 1 25	MAR. .	{ 1 4 56	1 10 52
	APRIL	3 2 30	3 9 29		APRIL	{ 30 17 40	31 8 53
	MAY .	2 15 14	2 17 5		MAY .	29 6 24	29 18 27
	JUNE .	{ 1 3 58	1 0 9		O	{ 12 13 30	12 4 2
		{ 30 16 42	30 7 44		JUNE .	{ 27 7 52	27 15 51
	JULY .	30 5 26	29 16 58		JULY .	26 20 36	26 23 59
	AUG. .	28 18 10	28 4 45		AUG. .	25 9 20	25 7 47
	SEPT. .	27 6 54	26 19 31		SEPT. .	23 22 4	23 16 8
	OCT. .	26 19 38	26 13 2		OCT. .	23 10 48	23 1 52
	NOV. .	25 8 22	25 8 12		NOV. .	21 23 32	21 13 21
	DEC. .	24 21 6	23 3 26		DEC. .	21 12 16	21 2 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1463. R. March. d. h. m. 12 7 14		d. h. m.	d. h. m.	A.D. 1466. R. March. d. h. m. 12 0 40		d. h. m.	d. h. m.
	JAN. .	20 1 1	19 18 10		JAN. .	16 16 11	16 20 2
	FEB. .	18 13 45	18 10 52		FEB. .	15 4 55	15 6 12
	MAR. .	20 2 29	20 4 6		MAR. .	16 17 39	16 15 47
	APRIL	18 15 13	18 20 55		APRIL	15 6 23	15 1 17
	MAY .	18 3 57	18 12 21		MAY .	14 19 7	14 11 30
	JUNE .	16 16 41	17 1 48		JUNE .	13 7 51	12 23 10
	JULY .	16 5 25	16 13 17		JULY .	12 20 35	12 12 45
	AUG. .	14 18 9	14 23 15		AUG. .	11 9 19	11 4 9
	SEPT. .	13 6 53	13 8 32		SEPT. .	9 22 3	9 20 48
	OCT. .	12 19 37	12 17 54		○	24 16 25	24 7 49
	NOV. .	11 8 21	11 3 56		OCT. .	9 10 47	9 13 48
	DEC. .	10 21 5	10 14 55		NOV. .	7 23 31	8 6 14
					DEC. .	7 12 15	7 21 20
1464. A.G. 11 18 2	JAN. .	9 9 50	9 3 0	1467. D. 12 6 29	JAN. .	6 0 59	6 10 42
	FEB. .	7 22 31	7 16 7		FEB. .	4 13 43	4 22 12
	MAR. .	8 11 18	8 6 19		MAR. .	6 2 27	6 8 1
	APRIL	7 0 2	6 21 27		APRIL	4 15 11	4 16 33
	○	21 18 24	22 1 44		MAY .	4 3 55	4 0 29
	MAY .	6 12 46	6 18 8		JUNE .	2 16 39	2 8 48
	JUNE .	5 1 30	5 4 43		JULY .	2 5 23	1 18 30
	JULY .	4 14 14	4 19 32		○	31 18 7	31 6 26
	AUG. .	3 2 58	3 9 8		○	15 12 29	15 15 45
	SEPT. .	1 15 42	1 21 27		AUG. .	30 6 51	29 21 0
		1 4 26	1 8 50		SEPT. .	28 19 35	28 13 54
	OCT. ○	15 22 48	15 11 8		OCT. .	28 8 19	28 8 16
		30 17 10	30 19 45		NOV. .	26 21 3	27 2 43
	NOV. .	29 5 54	29 6 32		DEC. .	26 9 47	26 19 55
	DEC. .	28 18 38	28 17 28				
1465. F. 11 18 51	JAN. .	27 7 22	27 4 19	1468. C.B. 11 12 18	JAN. .	24 22 32	25 10 55
	FEB. .	25 20 6	25 15 27		○	8 16 54	8 10 44
	MAR. .	27 8 50	27 3 7		FEB. .	23 11 16	23 23 17
	○	11 3 12	11 16 19		MAR. .	24 0 0	24 9 13
	APRIL	25 21 34	25 15 44		APRIL	22 12 44	22 17 17
	MAY .	25 10 18	25 5 33		MAY .	22 1 28	22 0 23
	JUNE .	23 28 2	23 20 29		JUNE .	20 14 12	20 7 29
	JULY .	23 11 46	23 12 0		JULY .	20 2 56	19 15 43
	AUG. .	22 0 30	22 3 27		○	3 21 18	4 4 5
	SEPT. .	20 13 14	20 18 18		AUG. .	18 15 40	18 2 9
	○	5 7 36	4 18 6		SEPT. .	17 4 24	16 15 29
	OCT. .	20 1 53	20 8 12		OCT. .	16 17 8	16 7 49
	NOV. .	18 14 42	18 21 4		NOV. .	15 5 52	15 2 25
	DEC. .	18 3 26	18 9 1		DEC. .	14 18 36	14 21 55

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1409.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1472.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	{ 13 7 21	13 16 38	E.D. March.	JAN. .	10 22 31	10 14 30
	○	{ 23 1 43	27 20 39	<i>d. h. m.</i>	FEB. .	9 11 15	9 6 21
March.	FEB. .	11 20 5	12 9 9	11 11 33	MAR. .	9 23 59	9 23 10
<i>d. h. m.</i>	MAR. .	13 8 49	13 22 41		APRIL	8 12 43	8 16 5
11 18 6	APRIL	11 21 33	12 9 17		MAY .	{ 8 1 27	8 8 11
	MAY .	11 10 17	11 17 33		○	{ 22 19 49	22 16 6
	JUNE .	9 23 1	10 0 29		JUNE .	6 14 11	6 22 40
	JULY .	{ 9 11 45	9 7 8		JULY .	6 2 55	6 11 14
	○	{ 24 6 7	24 9 16		AUG. .	4 15 39	4 22 5
	AUG. .	8 0 29	7 14 39		SEPT. .	3 4 23	3 7 50
	SEPT. .	6 13 13	6 0 3		OCT. .	2 17 7	2 17 19
	OCT. .	6 1 57	5 12 8		Nov. ○	{ 1 5 51	1 3 10
	NOV. .	4 14 41	4 3 16			{ 16 0 13	16 0 6
	DEC. .	4 3 25	3 21 5			{ 30 18 35	30 18 45
					DEC. .	30 7 19	30 1 15
1470.	JAN. .	{ 2 16 9	2 16 23	1473.	JAN. .	28 20 3	28 18 39
G.	○	{ 17 10 31	17 11 35	C.	FEB. .	27 8 47	27 8 2
	FEB. .	1 4 53	1 11 37		MAR. .	28 21 31	28 17 23
11 23 55	MAR. .	2 17 37	3 5 9	11 17 22	APRIL	27 10 15	27 8 33
	APRIL	{ 1 6 21	1 19 53		○	{ 12 4 37	12 9 12
		{ 30 19 5	1 7 42		MAY .	{ 26 22 59	27 0 13
	MAY .	30 7 49	30 16 52		JUNE .	25 11 43	25 15 30
	JUNE .	28 20 33	29 0 23		JULY .	25 0 27	25 5 52
	JULY .	28 9 17	28 7 21		AUG. .	23 13 11	23 19 5
	AUG. .	26 22 1	26 14 50		SEPT. .	22 1 55	22 7 10
	SEPT. .	25 10 45	24 23 48		OCT. .	21 14 39	21 18 32
	OCT. .	24 23 29	24 10 59		○	{ 5 9 1	4 23 39
	NOV. .	23 12 13	23 0 44		Nov. .	{ 20 3 23	20 5 33
	DEC. .	23 0 57	22 16 57		DEC. .	19 16 7	19 16 23
1471.	JAN. .	21 13 42	21 10 57	1474.	JAN. .	18 4 52	18 3 15
F.	FEB. .	20 2 26	20 5 31	B.	FEB. .	16 17 36	16 14 4
12 5 44	MAR. .	21 15 10	21 23 14	11 23 11	MAR. .	18 6 20	18 1 8
	APRIL	20 3 54	20 15 1		APRIL	16 19 4	16 12 56
	MAY .	19 16 33	20 4 12		MAY .	16 7 43	16 1 53
	○	{ 3 11 0	3 2 13		JUNE .	14 20 32	14 16 10
	JUNE .	{ 18 5 22	18 14 52		JULY .	14 9 16	14 7 23
	JULY .	17 18 6	17 23 43		AUG. .	12 22 0	12 23 10
	AUG. .	16 6 50	16 7 45		SEPT. .	11 10 44	11 14 40
	SEPT. .	14 19 31	14 15 54		OCT. .	10 23 28	11 5 21
	OCT. .	14 8 18	14 1 3		NOV. .	9 12 12	9 19 0
	NOV. .	{ 12 21 2	12 11 43		DEC. .	9 0 56	9 7 33
	○	{ 27 15 24	27 22 56				
	DEC. .	12 9 46	12 0 12				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon, (○ Full Ecl.)	True New Moon, (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon, (○ Full Ecl.)	True New Moon, (○ Full Ecl.)
A.D. 1475.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1478.		<i>d. h. m.</i>	<i>d. h. m.</i>
<i>A.</i>	JAN. .	7 13 41	7 19 5	<i>D.</i>	JAN. .	{ 4 4 51	4 11 29
March.	FEB. .	6 2 23	6 5 31	○	○	{ 18 23 13	18 19 13
<i>d. h. m.</i>	MAR. .	{ 7 15 9	7 15 12	March.	FEB. .	2 17 35	3 5 14
12 4 59	○	{ 22 9 31	22 20 21	<i>d. h. m.</i>	MAR. .	4 6 19	4 20 15
	APRIL .	6 3 53	6 0 23	11 22 23	APRIL .	2 19 8	3 8 11
	MAY .	5 16 37	5 9 55		MAY .	{ 2 7 47	2 17 26
	JUNE .	4 5 21	3 20 34		○	{ 31 20 31	{ 1 0 51
	JULY .	3 18 5	3 9 2		JUNE .	30 9 15	{ 30 7 30
	AUG. .	{ 2 6 49	1 23 31		○	{ 15 3 37	15 5 0
	○	{ 31 19 33	31 15 50		JULY .	{ 29 21 59	29 14 30
	SEPT. .	{ 15 13 55	15 7 23		AUG. .	23 10 43	27 22 54
	○	{ 30 8 17	30 9 2		SEPT. .	26 23 27	26 9 40
	OCT. .	29 21 1	30 2 6		OCT. .	26 12 11	25 28 22
	NOV. .	28 9 45	28 18 11		NOV. .	25 0 55	21 15 56
	DEC. .	27 22 29	28 8 35		DEC. .	24 13 39	24 10 39
1476.	JAN. .	26 11 13	26 21 2	1479.	○	{ 8 8 1	8 10 44
<i>G.F.</i>	FEB. .	24 23 57	23 7 32	<i>C.</i>	JAN. .	{ 23 2 23	23 6 2
	○	{ 10 18 19	10 20 31	12 4 15	FEB. .	21 15 7	22 0 29
11 10 48	MAR. .	{ 23 12 41	23 16 23		MAR. .	23 8 51	23 16 39
	APRIL .	24 1 25	24 0 24		APRIL .	21 16 35	22 5 51
	MAY .	23 14 9	23 8 13		MAY .	21 5 19	21 16 12
	JUNE .	22 2 53	21 16 53		JUNE .	19 18 3	20 0 26
	JULY .	21 15 37	21 3 33		○	{ 4 12 25	4 5 40
	AUG. .	20 4 21	19 16 53		JULY .	{ 19 6 47	19 7 37
	○	{ 3 22 43	3 23 59		AUG. .	17 19 31	17 14 52
	SEPT. .	{ 18 17 5	18 8 49		SEPT. .	16 8 15	15 23 7
	OCT. .	18 5 49	18 2 46		OCT. .	15 20 59	15 9 15
	NOV. .	16 18 33	16 21 32		NOV. .	14 9 43	13 21 45
	DEC. .	16 7 17	16 15 39		DEC. .	{ 13 22 27	13 12 44
1477.	JAN. .	14 20 2	15 7 53	1480.	○	{ 23 16 49	23 1 34
<i>K.</i>	FEB. .	13 8 46	13 21 36	<i>H.A.</i>	JAN. .	12 11 12	12 5 51
11 16 37	MAR. .	14 21 30	15 3 35	11 10 4	FEB. .	10 23 56	11 0 5
	APRIL .	13 10 14	13 17 22		MAR. .	11 12 40	11 18 12
	MAY .	12 22 58	13 0 42		APRIL .	10 1 24	10 10 57
	JUNE .	11 11 42	11 7 34		MAY .	9 14 8	10 1 23
	JULY .	11 0 26	10 13 4		JUNE .	{ 3 2 52	3 13 19
	AUG. .	9 13 10	9 0 17		○	{ 22 21 14	22 10 53
	SEPT. .	8 1 54	7 12 9		JULY .	7 15 36	7 23 5
	OCT. .	7 14 38	7 3 7		AUG. .	6 4 20	6 7 31
	NOV. .	6 3 22	5 20 49		SEPT. .	4 17 4	4 15 44
	DEC. .	5 16 6	5 16 3		OCT. .	4 5 43	4 0 30
					NOV. .	2 13 32	2 10 30
					DEC. .	{ 2 7 16	1 23 6
						{ 31 20 0	31 11 24

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1481. G. March. <i>d. h. m.</i> 11 15 52		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1484. D.C. March. <i>d. h. m.</i> 11 9 19		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	30 8 44	30 2 20		JAN. .	27 23 54	28 4 51
	FEB. .	28 21 28	28 18 28		FEB. .	26 12 38	26 14 40
	MAR. .	30 10 12	30 11 12		MAR. .	27 1 22	26 23 47
	APRIL	28 22 56	29 3 33		APRIL	25 14 6	25 8 49
	MAY .	28 11 40	28 18 57		MAY .	25 2 50	24 18 34
	JUNE .	27 0 24	27 8 33		JUNE .	23 15 34	23 5 55
	JULY .	26 13 8	26 20 23		JULY .	23 4 18	22 19 23
	AUG. .	25 1 52	25 6 49		AUG. .	21 17 2	21 10 57
	SEPT. .	23 14 36	23 16 37		SEPT. .	20 5 46	20 8 58
	OCT. .	23 3 20	23 2 27		○	{ 5 0 8	4 16 8
	NOV. .	21 16 4	21 12 47		OCT. .	{ 19 18 30	19 21 29
	DEC. .	21 4 48	20 23 50		NOV. .	18 7 14	18 14 25
					DEC. .	17 19 58	18 5 53
1482. F. 11 21 41	JAN. .	19 17 33	19 11 40	1485. B. 11 15 8	JAN. .	16 8 43	16 19 21
	FEB. .	18 6 17	18 0 18		FEB. .	14 21 27	15 6 46
	MAR. .	19 19 1	19 13 54		MAR. .	16 10 11	16 16 16
	APRIL	18 7 45	18 4 26		APRIL	14 22 55	15 0 25
	○	{ 3 2 7	3 9 23		MAY .	14 11 39	14 8 1
	MAY .	{ 17 20 29	17 19 42		JUNE .	13 0 23	12 16 2
	JUNE .	16 9 13	16 11 8		JULY .	12 13 7	12 1 32
	JULY .	15 21 57	16 2 8		AUG. .	{ 11 1 51	10 13 26
	AUG. .	14 10 41	14 16 10		○	{ 25 20 18	25 23 28
	SEPT. .	12 23 25	13 5 4		SEPT. .	9 14 35	9 4 8
	OCT. .	{ 12 12 9	12 17 2		OCT. .	9 3 19	8 21 20
	○	{ 27 6 31	26 18 59		NOV. .	7 16 3	7 16 3
	NOV. .	11 0 53	11 4 26		DEC. .	7 4 47	7 10 49
	DEC. .	10 13 37	10 15 30				
1483. E. 12 3 30	JAN. .	9 2 22	9 2 20	1486. A. 11 20 57	JAN. .	5 17 32	6 4 16
	FEB. .	7 15 6	7 12 58		FEB. .	{ 4 6 16	4 19 13
	MAR. .	9 3 50	8 23 36		○	{ 19 0 38	18 18 45
	APRIL	{ 7 16 34	7 10 41		MAR. .	5 19 0	6 7 30
	○	{ 22 10 56	22 23 49		APRIL	4 7 44	4 17 10
	MAY .	7 5 18	6 22 45		MAY .	3 20 28	4 0 59
	JUNE .	5 18 2	5 12 10		JUNE .	2 9 12	2 7 51
	JULY .	5 6 46	5 2 57		JULY .	{ 1 21 56	1 14 50
	AUG. .	3 19 30	3 18 37		○	{ 31 10 40	30 23 4
	SEPT. .	2 8 14	2 10 32		○	{ 15 5 2	15 11 19
	○	{ 1 20 58	2 1 57		AUG. .	{ 29 23 24	29 9 35
	OCT. ○	{ 16 15 20	16 2 17		SEPT. .	28 12 8	27 23 3
		{ 31 9 42	31 16 27		OCT. .	28 0 52	27 15 32
	NOV. .	29 22 26	30 5 48		NOV. .	26 13 36	26 10 19
	DEC. .	29 11 10	29 17 55		DEC. .	26 2 20	26 5 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1487. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1490. C.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 12 2 45	JAN. .	24 15 4	25 0 33	March. <i>d. h. m.</i> 11 20 12	JAN. .	21 6 14	20 22 52
	○	{ 8 9 26	8 5 10		FEB. .	19 18 58	19 14 11
	FEB. .	{ 23 3 48	23 17 4		MAR. .	21 7 42	21 6 26
	MAR. .	24 16 32	25 6 27		APRIL	19 20 26	19 22 54
	APRIL	28 5 16	28 16 52		MAY .	19 9 10	19 14 45
	MAY .	22 18 0	23 1 1		○	{ 3 3 32	2 23 32
	JUNE .	21 6 44	21 7 55		JUNE .	{ 17 21 54	18 5 18
	JULY .	20 19 28	20 14 38		JULY .	17 10 33	17 18 8
	○	{ 4 13 50	4 15 59		AUG. .	15 23 22	16 5 27
	AUG. .	{ 19 8 12	18 22 17		SEPT. .	14 12 6	14 15 44
	SEPT. .	17 20 56	17 7 53		OCT. .	14 0 50	14 1 43
	OCT. .	17 9 40	16 20 9		NOV. .	{ 12 13 31	12 11 57
	NOV. .	15 22 21	15 11 23		○	{ 27 7 56	27 7 59
	DEC. .	15 11 8	15 5 7		DEC. .	12 2 18	11 22 42
1488. F.E.	JAN. .	{ 13 23 53	14 0 18	1491. D.	JAN. .	10 15 3	10 10 3
11 8 34	○	{ 28 18 15	28 20 24	12 2 1	FEB. .	9 3 47	8 22 3
	FEB. .	12 12 37	12 19 19		MAR. .	10 16 31	10 10 58
	MAR. .	18 1 21	18 12 39		APRIL	9 5 15	9 0 38
	APRIL	11 14 5	12 3 16		MAY .	{ 8 17 59	8 15 21
	MAY .	11 2 49	11 14 58		○	{ 23 12 21	23 16 44
	JUNE .	9 15 33	10 0 10		JUNE .	7 6 43	7 6 39
	JULY .	9 4 17	9 7 49		JULY .	6 19 27	6 21 59
	AUG. .	7 17 1	7 15 1		AUG. .	5 8 11	5 12 44
	SEPT. .	6 5 45	5 22 49		SEPT. .	3 20 55	4 2 23
	OCT. .	5 18 20	5 8 5		OCT. .	3 9 39	3 15 10
	NOV. .	4 7 13	3 19 26		NOV. .	{ 1 22 23	2 3 4
	DEC. .	3 19 57	3 9 11		○	{ 16 16 45	16 7 37
1489. D.	JAN. .	{ 2 8 42	2 1 12	1492. A.G.	JAN. .	29 12 36	29 12 2
11 14 23	○	{ 31 21 26	31 18 50	11 7 50	FEB. .	23 1 20	27 22 23
	FEB. .	...	...		MAR. .	23 14 4	23 8 56
	MAR. .	{ 2 10 10	2 12 58		APRIL	27 2 48	26 20 10
	APRIL	{ 31 22 54	{ 1 6 21		MAY .	26 15 32	26 8 38
	MAY .	30 11 33	{ 30 21 56		JUNE .	25 4 16	24 22 40
	○	{ 13 18 44	13 9 18		JULY .	24 17 0	24 14 0
	JUNE .	{ 28 13 6	28 21 58		AUG. .	23 5 44	23 6 3
	JULY .	28 1 50	28 7 7		SEPT. .	21 18 28	21 22 4
	AUG. .	26 14 34	26 15 32		OCT. .	21 7 12	21 13 22
	SEPT. .	25 3 18	25 0 8		NOV. .	19 19 56	20 3 38
	OCT. .	24 16 2	24 9 38		DEC. .	19 8 40	19 16 26
	NOV. .	23 4 46	22 20 30				
	○	{ 7 23 8	8 7 10				
	DEC. .	{ 22 17 30	22 8 54				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1493.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1496.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				C.B.			
March.	JAN. .	17 21 24	18 3 56	March.	JAN. .	{ 15 12 34	15 19 28
<i>d. h. m.</i>	FEB. .	16 10 8	16 14 10	○	○	{ 30 6 56	30 3 54
11 13 38	MAR. .	17 22 52	17 23 23	March.	FEB. .	14 1 18	14 13 8
	○	{ 1 17 14	2 3 30	<i>d. h. m.</i>	MAR. .	14 14 2	15 4 1
	APRIL	{ 16 11 36	16 8 7	11 7 5	APRIL	13 2 46	13 15 48
	MAY .	16 0 20	15 17 10		MAY .	12 15 30	13 0 54
	JUNE .	14 13 4	14 3 27		JUNE .	11 4 14	11 8 17
	JULY .	14 1 48	13 15 45		JULY .	10 16 58	10 14 57
	AUG. .	12 14 32	12 6 19		AUG. .	9 5 42	8 22 7
	SEPT. .	{ 11 3 16	10 22 52		SEPT. .	7 18 26	7 6 44
	○	{ 25 21 38	25 15 39		OCT. .	7 7 10	6 17 42
	OCT. .	10 16 0	10 16 30		NOV. .	5 19 54	5 7 30
	NOV. .	9 4 44	9 10 6		DEC. .	5 8 38	5 0 4
	DEC. .	8 17 23	9 2 36				
1494.	JAN. .	7 6 13	7 17 14	1497.	JAN. .	{ 3 21 23	3 18 30
E.	FEB. .	5 18 57	6 5 37	A.	○	{ 18 15 45	18 19 37
11 19 27	MAR. .	{ 7 7 41	7 15 53	11 12 53	FEB. .	2 10 7	2 13 48
	○	{ 22 2 3	22 3 46		MAR. .	3 22 51	4 8 0
	APRIL	5 20 25	6 0 23		APRIL	2 11 35	2 23 58
	MAY .	5 9 9	5 8 3		MAY .	{ 2 0 19	2 13 3
	JUNE .	3 21 53	3 15 34		○	{ 31 13 3	31 23 25
	JULY .	3 10 37	3 0 7		JUNE .	30 1 47	30 7 47
	AUG. .	{ 1 23 21	1 10 41		○	{ 14 20 9	14 12 17
	○	{ 31 12 5	31 0 1		JULY .	{ 29 14 31	29 15 11
	SEPT. .	{ 15 6 27	15 8 0		AUG. .	28 3 15	27 22 44
	OCT. .	{ 30 0 49	29 16 9		SEPT. .	26 15 59	26 7 20
	NOV. .	29 13 33	29 10 25		OCT. .	26 4 43	25 17 42
	DEC. .	28 2 17	28 5 31		NOV. .	24 17 27	24 6 17
		27 15 1	27 23 53		DEC. .	24 6 11	23 21 9
1495.	JAN. .	26 3 46	26 16 15	1498.	○	{ 8 0 33	8 10 20
D.	FEB. .	24 16 30	25 5 50	G.	JAN. .	{ 22 18 55	22 13 53
12 1 16	MAR. .	26 5 14	26 16 37	11 18 42	FEB. .	21 7 39	21 7 41
	APRIL	24 17 58	25 1 7		MAR. .	22 20 23	23 1 22
	MAY .	24 6 42	24 8 14		APRIL	21 9 7	21 17 49
	JUNE .	22 19 26	22 14 59		MAY .	20 21 51	21 8 13
	JULY .	22 8 10	21 22 26		JUNE .	19 10 35	19 20 15
	AUG. .	20 20 54	20 7 43		○	{ 4 4 57	3 17 56
	SEPT. .	19 9 38	18 19 44		JULY .	{ 18 23 19	19 6 19
	OCT. .	18 22 22	18 10 51		AUG. .	17 12 3	17 15 11
	NOV. .	17 11 6	17 4 40		SEPT. .	16 0 47	15 23 48
	DEC. .	16 23 50	17 0 6		OCT. .	15 13 31	15 8 59
					NOV. .	14 2 15	13 19 15
					DEC. .	13 14 59	13 6 53

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1499. F. March. <i>d. h. m.</i> 12 0 31		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1502. B. March. <i>d. h. m.</i> 11 17 58		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	12 3 44	11 19 58		JAN. .	8 18 54	9 2 47
	FEB. .	10 16 28	10 10 24		FEB. .	7 7 38	7 13 34
	MAR. .	12 5 12	12 1 58		MAR. .	8 20 22	8 23 3
	APRIL	10 17 56	10 18 9		APRIL	7 9 6	7 7 43
	MAY .	10 6 40	10 10 15		MAY .	6 21 50	6 16 16
	JUNE .	8 19 24	9 1 30		JUNE .	5 10 34	5 1 33
	JULY .	8 8 8	8 15 20		JULY .	4 23 18	4 12 44
	AUG. .	6 20 52	7 3 33		AUG. .	3 12 2	3 2 9
	SEPT. .	5 9 36	5 14 32		SEPT. .	2 0 46	1 17 52
	OCT. .	4 22 20	5 0 52			1 13 30	1 11 16
	NOV. .	3 11 4	3 11 9		OCT. ○	16 7 52	16 0 35
	DEC. .	2 23 48	2 21 44			31 2 14	31 5 16
					NOV. .	29 14 58	29 22 40
					DEC. .	29 3 42	29 14 26
1500. E.D. 11 6 20	JAN. .	{ 1 12 32 31 1 17	1 8 45 30 20 17	1503. A. 11 23 46	JAN. .	27 16 27	28 4 0
	FEB. .	29 14 1	29 8 23		FEB. .	26 5 11	26 15 13
	MAR. .	30 2 45	29 21 21		MAR. .	27 17 55	28 0 23
	APRIL	23 15 29	28 11 20		APRIL	26 6 39	26 8 11
	○	{ 18 9 51	18 16 56		MAY .	25 19 23	25 15 28
	MAY .	{ 28 4 13	28 2 12		JUNE .	24 8 7	23 23 15
	JUNE .	26 16 57	26 17 34		JULY .	23 20 51	23 8 39
	JULY .	26 5 41	26 8 49		AUG. .	22 9 35	21 20 34
	AUG. .	24 18 25	24 23 19		SEPT. .	20 22 19	20 11 25
	SEPT. .	23 7 9	23 12 49		OCT. .	20 11 3	20 4 52
	OCT. .	22 19 53	23 1 24		NOV. .	18 23 47	18 23 53
	○	{ 6 14 15	6 2 59		DEC. .	18 12 31	18 18 56
	NOV. .	{ 21 8 37	21 13 13				
	DEC. .	20 21 21	21 0 28				
1501. C. 11 12 9	JAN. .	19 10 5	19 11 11	1504. G.F. 11 5 35	JAN. .	17 1 15	17 12 29
	FEB. .	17 22 49	17 21 29		FEB. .	15 14 0	16 3 30
	MAR. .	19 11 33	19 7 37		○	{ 1 8 22	1 2 40
	APRIL	18 0 17	17 18 8		MAR. .	{ 16 2 44	16 15 33
	○	{ 2 18 39	3 7 9		APRIL	14 15 23	15 1 0
	MAY .	{ 17 13 1	17 5 40		MAY .	14 4 12	14 8 35
	JUNE .	16 1 45	15 18 44		JUNE .	12 16 56	12 15 19
	JULY .	15 14 29	15 9 25		JULY .	12 5 40	11 22 15
	AUG. .	14 3 13	14 1 20		AUG. .	{ 10 18 24	10 6 32
	SEPT. .	12 15 57	12 17 41		○	{ 25 12 46	25 18 33
	OCT. .	{ 12 4 41	12 9 43		SEPT. .	9 7 8	8 17 10
	○	{ 26 23 3	26 10 36		OCT. .	8 19 52	8 6 48
	NOV. .	10 17 25	11 0 47		NOV. .	7 8 36	6 23 25
	DEC. .	10 6 9	10 14 30		DEC. .	6 21 20	6 18 16

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1505. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1508. B.A.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 11 11 24	JAN. .	5 10 4	5 13 54	March. <i>d. h. m.</i> 11 4 51	JAN. .	3 1 14	2 17 37
	FEB. .	{ 3 22 48	4 8 33		FEB. .	1 13 58	1 7 10
	○	{ 18 17 10	18 13 37		○	{ 2 2 42	1 21 56
	MAR. .	5 11 32	6 0 50		MAR. .	{ 31 15 26	31 13 35
	APRIL	4 0 16	4 14 4		APRIL	30 4 10	30 5 36
	MAY .	3 13 0	4 0 22		MAY .	29 16 54	29 21 17
	JUNE .	2 1 44	2 8 27		○	{ 18 11 16	13 6 55
	JULY .	{ 1 14 28	1 15 22		JUNE .	{ 28 5 38	28 11 55
	○	{ 31 3 12	30 22 13		JULY .	27 18 22	28 1 7
	AUG. .	{ 14 21 34	14 22 45		AUG. .	26 7 6	26 12 55
	SEPT. .	{ 29 15 56	29 6 6		SEPT. .	24 19 50	24 23 47
	OCT. .	28 4 40	27 15 54		OCT. .	24 8 34	24 10 16
	NOV. .	27 17 24	27 4 20		NOV. .	22 21 18	22 20 51
	DEC. .	26 6 8	25 19 35		○	{ 7 15 40	7 15 56
		25 18 52	25 13 14		DEC. .	{ 22 10 2	22 7 40
1506. D.	JAN. .	24 7 36	24 8 8	1509. G.	JAN. .	20 22 47	20 18 49
11 17 13	○	{ 8 1 58	8 5 7	11 10 39	FEB. .	19 11 31	19 6 23
	FEB. .	{ 22 20 21	23 2 53		MAR. .	21 0 15	20 18 35
	MAR. .	24 9 5	24 19 58		APRIL	19 12 59	19 7 45
	APRIL	23 21 49	23 10 27		MAY .	19 1 43	18 21 59
	MAY .	22 10 33	22 22 6		○	{ 2 20 5	3 0 12
	JUNE .	20 23 17	21 7 24		JUNE .	{ 17 14 27	17 13 6
	JULY .	20 12 1	20 15 17		JULY .	17 3 11	17 4 32
	AUG. .	19 0 45	18 22 48		AUG. .	15 15 55	15 19 33
	SEPT. .	17 13 29	17 6 55		SEPT. .	14 4 39	14 9 57
	OCT. .	17 2 13	16 16 29		OCT. .	13 17 23	13 23 17
	NOV. .	15 14 57	15 4 1		NOV. .	{ 12 6 7	12 11 42
	DEC. .	15 3 41	14 17 48		○	{ 27 0 29	26 15 42
1507. C.	JAN. .	13 16 25	13 9 25	1510. F.	JAN. .	10 7 35	10 10 22
11 23 2	FEB. .	12 5 9	12 2 36	11 16 28	FEB. .	8 20 19	8 20 43
	MAR. .	13 17 53	13 20 15		MAR. .	10 9 3	10 6 38
	APRIL	12 6 37	12 13 16		APRIL	8 21 47	8 16 36
	MAY .	11 19 21	12 4 41		MAY .	8 10 31	8 3 18
	JUNE .	{ 10 8 5	10 17 56		JUNE .	6 23 15	6 15 22
	○	{ 25 2 27	24 16 23		JULY .	6 11 59	6 5 12
	JULY .	9 20 49	10 5 3		AUG. .	5 0 43	4 20 35
	AUG. .	8 9 33	8 14 41		SEPT. .	3 13 27	3 13 0
	SEPT. .	6 22 17	6 23 27		OCT. .	3 2 11	3 5 33
	OCT. .	6 11 1	6 8 29		NOV. .	1 14 55	1 21 27
	NOV. .	4 23 45	4 13 20		DEC. .	{ 1 3 39	1 12 8
	DEC. .	{ 4 12 29	4 5 20			{ 30 16 23	31 1 14
	○	{ 19 6 51	19 15 26				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1511.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1514.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				A.			
March.	JAN. .	29 5 8	29 12 44	March.	JAN. .	25 20 18	26 3 22
<i>d. h. m.</i>	FEB. .	27 17 52	27 22 40	<i>d. h. m.</i>	○	{ 9 14 40	9 12 31
11 22 17	MAR. .	29 6 36	29 7 28	11 15 43	FEB. .	{ 24 9 2	24 20 54
	○	{ 13 0 58	13 10 32		MAR. .	25 21 46	26 11 37
	APRIL	{ 27 19 20	27 15 35		APRIL	24 10 30	24 23 16
	MAY .	27 8 4	27 0 24		MAY .	23 23 14	24 8 19
	JUNE .	25 20 48	25 10 24		JUNE .	22 11 58	22 15 41
	JULY .	25 9 32	24 22 34		JULY .	22 0 42	21 22 32
	AUG. .	23 22 16	23 13 13		AUG. .	20 13 26	20 5 52
	SEPT. .	22 11 0	22 6 1		SEPT. .	19 2 10	18 14 43
	○	{ 7 5 22	7 0 2		OCT. .	18 14 54	18 1 53
	OCT. .	{ 21 23 44	22 0 4		NOV. .	17 3 38	16 15 46
	NOV. .	20 12 28	20 18 9		DEC. .	16 16 22	16 8 16
	DEC. .	20 1 12	20 11 1				
1512.	JAN. .	18 13 56	19 1 47	1515.	JAN. .	{ 15 5 6	15 2 34
D.C.	FEB. .	17 2 40	17 14 5	G.	○	{ 29 23 23	30 4 25
11 4 6	MAR. .	17 13 24	18 0 5	11 21 32	FEB. .	13 17 50	13 21 26
	○	{ 1 9 46	1 10 48		MAR. .	15 6 34	15 15 20
	APRIL	{ 16 4 8	16 8 19		APRIL	13 19 18	14 7 6
	MAY .	15 16 52	15 15 36		MAY .	13 8 2	13 20 8
	JUNE .	14 5 36	13 22 52		JUNE .	11 20 46	12 6 33
	JULY .	13 18 20	13 7 16		JULY .	{ 11 9 30	11 15 7
	AUG. .	12 7 4	11 17 51		○	{ 26 3 52	25 18 55
	SEPT. .	{ 10 19 48	10 7 17		AUG. .	9 22 14	9 22 50
	○	{ 25 14 10	25 16 8		SEPT. .	8 10 58	8 6 43
	OCT. .	10 8 32	9 23 37		OCT. .	7 23 42	7 15 40
	NOV. .	8 21 16	8 18 9		NOV. .	6 12 26	6 2 16
	DEC. .	8 10 0	8 13 31		DEC. .	6 1 10	5 14 53
1513.	JAN. .	6 22 45	7 8 4	1516.	JAN. .	{ 4 13 55	4 5 33
L.	FEB. .	5 11 29	6 0 26	F.E.	○	{ 19 8 17	19 10 2
11 9 55	MAR. .	{ 7 0 13	7 13 53	11 3 21	FEB. .	3 2 39	2 21 52
	○	{ 21 18 35	21 13 28		MAR. .	3 15 23	3 15 8
	APRIL	5 12 57	6 0 27		APRIL	2 4 7	2 8 24
	MAY .	5 1 41	5 8 45		MAY .	{ 1 16 51	2 0 36
	JUNE .	3 14 25	3 15 43		○	{ 31 5 35	31 14 59
	JULY .	3 3 9	2 22 22		JUNE .	29 18 19	30 3 12
	AUG. .	{ 1 15 53	1 5 54		○	{ 14 12 41	14 0 59
	○	{ 31 4 37	30 15 19		JULY .	{ 29 7 3	29 13 37
	SEPT. .	{ 14 22 59	15 4 37		AUG. .	27 19 47	27 22 56
	○	{ 29 17 21	29 3 27		SEPT. .	26 8 31	26 8 2
	NOV. .	27 18 49	27 12 37		OCT. .	25 21 15	25 17 36
	DEC. .	27 7 33	27 8 3		NOV. .	24 9 59	24 4 6
					DEC. .	23 22 43	23 15 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1517. D. March. d. h. m. 11 9 10		d. h. m.	d. h. m.	A.D. 1520. A.G. March. d. h. m. 11 2 36		d. h. m.	d. h. m.
	JAN. .	22 11 27	22 4 23		JAN. .	20 2 38	20 11 31
	FEB. .	21 0 11	20 18 23		FEB. .	18 15 22	18 22 9
	MAR. .	22 12 56	22 9 21		MAR. .	19 4 6	19 7 17
	APRIL	21 1 40	21 1 0		APRIL	17 16 50	17 15 31
	MAY .	20 14 24	20 16 49		○ {	2 11 12	2 21 28
	JUNE .	19 3 8	19 8 2		MAY .	17 5 34	16 23 40
	JULY .	18 15 52	18 22 6		JUNE .	15 18 18	15 8 42
	AUG. .	17 4 36	17 10 43		JULY .	15 7 2	14 19 38
	SEPT. .	15 17 20	15 22 22		AUG. .	13 19 46	13 9 1
	OCT. .	15 6 4	15 9 15		SEPT. .	12 8 30	12 0 56
	NOV. .	13 18 48	13 19 56		OCT. .	11 21 14	11 18 42
	DEC. .	13 7 32	13 6 42		○ {	26 15 36	26 9 11
					NOV. .	10 9 58	10 13 10
1518. C. 11 14 59	JAN. .	11 20 16	11 17 38		DEC. .	9 22 42	10 6 56
	FEB. .	10 9 0	10 4 47				
	MAR. .	11 21 44	11 16 20	1521. F. 11 8 25	JAN. .	8 11 26	8 22 56
	APRIL	10 10 28	10 4 41		FEB. .	7 0 10	7 12 27
	MAY .	9 23 12	9 18 7		MAR. .	8 12 51	8 23 29
	○ {	24 17 34	25 0 23		APRIL	7 1 38	7 8 21
	JUNE .	8 11 56	8 8 42		MAY .	6 14 22	6 15 50
	JULY .	8 0 40	8 0 3		JUNE .	5 3 6	4 22 52
	AUG. .	6 13 24	6 15 31		JULY .	4 15 50	4 6 30
	SEPT. .	5 2 8	5 6 31		AUG. .	3 4 34	2 15 52
	OCT. .	4 14 52	4 20 39		SEPT. .	1 17 18	1 8 51
	NOV. .	3 3 36	3 9 49		○ {	1 6 2	30 18 52
	○ {	17 21 58	17 11 6		OCT. .	30 18 46	30 12 38
	DEC. .	2 16 20	2 22 3		NOV. .	29 7 30	29 7 48
1519. B. 11 20 48	JAN. .	1 5 4	1 9 25		DEC. .	28 20 14	29 3 1
	FEB. .	30 17 49	30 20 0				
	...	...	...	1522. E. 11 14 14	JAN. .	27 8 59	27 20 38
	MAR. .	1 6 33	1 5 55		FEB. .	25 21 43	26 11 23
	...	30 19 17	30 15 32		○ {	12 16 5	12 10 27
	APRIL	29 8 1	29 1 29		MAR. .	27 10 27	27 23 26
	○ {	14 2 23	14 14 24		APRIL	25 23 11	26 8 40
	MAY .	28 20 45	28 12 35		MAY .	25 11 55	25 16 6
	JUNE .	27 9 29	27 1 22		JUNE .	24 0 39	23 22 44
	JULY .	26 22 13	26 16 1		JULY .	23 13 23	23 5 43
	AUG. .	25 10 57	25 8 9		AUG. .	22 2 7	21 14 7
	SEPT. .	23 23 41	24 0 53		○ {	5 20 29	6 2 1
	OCT. .	23 12 25	23 17 35		SEPT. .	20 14 51	20 0 54
	○ {	7 6 47	6 19 3		OCT. .	20 3 35	19 14 40
	NOV. .	22 1 9	22 9 10		NOV. .	18 16 19	18 7 24
	DEC. .	21 13 53	21 23 5		DEC. .	18 5 8	18 2 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1523. D.		d. h. m.	d. h. m.	A.D. 1526. G.		d. h. m.	d. h. m.
March. d. h. m.	JAN. .	16 17 47	16 21 46	March. d. h. m.	JAN. .	13 8 57	13 2 17
11 20 3	FEB. .	15 6 31	15 16 16	11 13 29	FEB. .	11 21 41	11 15 23
	○	{ 2 0 53	1 21 56		MAR..	13 10 25	13 5 32
	MAR..	{16 19 15	17 8 25		APRIL	11 23 9	11 20 36
	APRIL	15 7 59	15 21 30		MAY .	11 11 53	11 12 12
	MAY .	14 20 43	15 7 44		JUNE .	{10 0 37	10 3 45
	JUNE .	13 9 27	13 15 49		○	{24 18 59	24 14 19
	JULY .	12 22 11	12 22 51		JULY .	9 18 21	9 18 42
	AUG..	{11 10 55	11 5 53		AUG..	8 2 5	8 8 8
	○	{26 5 17	26 5 38		SEPT..	6 14 49	6 20 29
	SEPT..	9 23 39	9 14 2		OCT. .	6 3 33	6 7 57
	OCT. .	9 12 23	9 0 5		NOV. .	4 16 17	4 18 56
	NOV. .	8 1 7	7 12 39		DEC. .	{ 4 5 1	4 5 47
	DEC. .	7 13 51	7 3 52		○	{18 23 23	18 23 54
1524. C.B.	JAN. .	6 2 36	5 21 19	1527. F.	JAN. .	2 17 46	2 16 37
11 1 52	FEB. .	{ 4 15 20	4 15 54	11 19 18	FEB. .	1 6 30	1 3 30
	○	{19 9 42	19 13 43		MAR..	2 19 14	2 14 34
	MAR..	5 4 4	5 10 16		APRIL	{ 1 7 58	1 2 11
	APRIL	3 16 43	4 3 6		○	{30 20 42	30 14 46
	MAY .	3 5 32	3 17 29		MAY .	30 9 26	30 4 36
	JUNE .	1 13 16	2 5 11		○	{14 3 43	14 7 33
	JULY .	{ 1 7 0	1 14 33		JUNE .	{28 22 10	28 19 31
	○	{30 19 44	30 22 47		JULY .	28 10 54	28 11 6
	AUG. .	29 8 28	29 6 39		AUG. .	26 23 33	27 2 33
	SEPT. .	27 21 12	27 15 10		SEPT. .	25 12 22	25 17 32
	OCT. .	27 9 56	27 1 1		OCT. .	25 1 6	25 7 29
	NOV. .	25 22 40	25 12 40		NOV. .	23 13 50	23 20 23
	DEC. .	23 11 24	23 2 14		○	{ 8 8 12	7 23 50
1525. A.	JAN. .	24 0 9	23 17 36	1528. E.D.	DEC. .	{23 2 34	23 8 13
11 7 41	FEB. .	22 12 53	22 10 15	11 1 7	JAN. .	21 15 19	21 19 14
	MAR..	24 1 37	24 3 24		FEB. .	20 4 3	20 5 17
	APRIL	22 14 21	22 20 5		MAR..	20 16 47	20 14 45
	MAY .	22 3 5	22 11 23		APRIL	19 5 31	19 0 12
	JUNE .	20 15 49	21 0 44		MAY .	13 13 15	13 10 23
	○	{ 5 10 11	4 23 31		JUNE .	17 6 59	16 22 6
	JULY .	{20 4 33	20 12 10		JULY .	13 19 43	13 11 47
	AUG. .	18 17 17	18 22 9		AUG..	15 8 27	15 3 19
	SEPT. .	17 6 1	17 7 30		SEPT. .	13 21 11	13 20 6
	OCT. .	16 18 45	16 17 0		OCT. .	13 9 55	13 13 12
	NOV. .	15 7 29	15 8 8		NOV. .	11 22 39	12 5 39
	DEC. .	{14 20 13	14 14 13		DEC. .	11 11 23	11 20 44
	○	{29 14 35	29 23 40				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1529. C. March. d. h. m. 11 6 56	JAN. .	d. h. m. 10 0 7	d. h. m. 10 10 0	A.D. 1532. G.F. March. d. h. m. 11 0 22	JAN. .	d. h. m. 7 15 17	d. h. m. 7 16 0
	FEB. .	8 12 51	8 21 21		FEB. .	6 4 1	6 11 7
	MAR. .	10 1 35	10 7 1		MAR. .	6 16 45	7 4 28
	APRIL .	{ 8 14 19	8 15 25		APRIL .	5 5 29	5 19 2
	○	{ 23 8 41	23 17 25		MAY .	4 18 13	5 6 36
	MAY .	8 3 3	7 23 17		JUNE .	3 6 57	3 15 38
	JUNE .	6 15 47	6 7 35		JULY .	2 19 41	2 23 5
	JULY .	6 4 31	5 17 21		AUG. .	{ 1 8 25	1 6 6
	AUG. .	4 17 15	4 5 27		{ 30 21 9	30 13 44	
	SEPT. .	3 5 59	2 20 12		SEPT. .	29 9 53	28 22 51
	OCT. .	{ 2 18 43	2 13 19		OCT. .	28 22 37	28 10 13
	○	{ 17 13 5	17 8 31		NOV. .	27 11 21	27 0 9
	NOV. .	{ 1 7 27	1 7 48		DEC. .	27 0 5	26 16 28
	DEC. .	{ 30 20 11	{ 1 2 15				
		30 8 55	30 19 23				
1530. B. 11 12 45	JAN. .	28 21 40	29 10 14	1533. E. 11 6 11	JAN. .	25 12 50	25 10 29
	FEB. .	27 10 24	27 22 25		○	{ 9 7 12	9 13 7
	MAR. .	28 23 8	29 8 10		FEB. .	{ 24 1 34	24 4 57
	○	{ 12 17 30	12 17 46		MAR. .	25 14 18	25 22 33
	APRIL .	{ 27 11 52	27 16 5		APRIL .	24 3 2	24 14 7
	MAY .	27 0 36	26 23 5		MAY .	23 15 46	24 3 6
	JUNE .	25 13 20	25 6 12		JUNE .	22 4 30	22 13 41
	JULY .	25 2 4	24 14 33		JULY .	21 17 14	21 22 30
	AUG. .	23 14 43	23 1 10		○	{ 5 11 36	5 1 43
	SEPT. .	22 3 32	21 14 43		{ 20 5 58	20 6 31	
	○	{ 6 21 54	7 0 25		SEPT. .	18 18 42	18 14 52
	OCT. .	{ 21 16 16	21 7 16		OCT. .	18 7 26	18 0 9
	NOV. .	20 5 0	20 2 0		NOV. .	16 20 10	16 10 53
	DEC. .	19 17 44	19 21 31		DEC. .	16 8 54	15 23 33
1531. A. 11 13 34	JAN. .	18 6 29	18 16 9	1534. D. 11 12 0	JAN. .	{ 14 21 39	14 18 55
	FEB. .	16 19 13	17 8 28		○	{ 29 16 1	30 3 37
	MAR. .	18 7 57	18 21 47		FEB. .	13 10 23	13 5 44
	○	{ 2 2 19	1 20 55		MAR. .	14 23 7	14 22 29
	APRIL .	{ 16 20 41	17 8 11		APRIL .	13 11 51	13 15 17
	MAY .	16 9 25	16 16 19		MAY .	13 0 35	13 7 17
	JUNE .	14 22 9	14 23 10		JUNE .	11 13 19	11 21 39
	JULY .	14 10 53	14 5 50		JULY .	{ 11 2 3	11 10 3
	AUG. .	12 23 37	12 13 29		{ 25 20 25	25 8 6	
	SEPT. .	{ 11 12 21	10 23 3		○		
	○	{ 26 6 43	26 12 24		AUG. .	9 14 47	9 20 59
	OCT. .	11 1 5	10 11 23		SEPT. .	8 3 31	8 6 43
	NOV. .	9 13 49	9 2 43		OCT. .	7 16 15	7 16 23
	DEC. .	9 2 33	8 20 40		NOV. .	6 4 59	6 2 22
					DEC. .	5 17 43	5 13 1

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1535. c. March. d. h. m. 11 17 49		d. h. m.	d. h. m.	A.D. 1538. F. March. d. h. m. 11 11 15		d. h. m.	d. h. m.
	JAN. .	4 6 27	4 0 32		JAN. .	{ ... 1 7 55	
	FEB. .	2 19 11	2 12 55		FEB. .	{ 30 10 21 30 20 14	
	MAR. .	4 7 55	4 2 16		MAR. .	{ 28 23 5 1 6 35	
	APRIL .	2 20 39	2 16 36		APRIL .	{ 30 11 49 30 15 21	
	MAY .	{ 2 9 23 2 7 45			○	{ 29 0 33 28 23 11	
	JUNE .	{ 31 22 7 31 23 17			MAY .	{ 18 18 55 14 4 14	
	JULY .	30 10 51	30 14 32		JUNE .	{ 28 13 17 28 6 59	
	AUG. .	29 23 35	30 4 54		JULY .	{ 27 2 1 26 15 47	
	SEPT. .	28 12 19	28 18 8		AUG. .	{ 26 14 45 26 2 34	
	OCT. .	27 1 3	27 6 17		SEPT. .	{ 25 3 29 24 16 1	
	NOV. .	26 18 47	26 17 44		OCT. .	{ 23 16 18 23 8 9	
	DEC. .	25 2 31	25 4 48		○	{ 23 4 57 23 2 17	
		24 15 15	24 15 41		NOV. .	{ 6 23 19 6 17 55	
1536. h.a. 10 23 38	JAN. .	23 4 0	23 2 28		DEC. .	{ 21 17 41 21 21 5	
	FEB. .	21 16 44	21 13 12			{ 21 6 25 21 15 12	
	MAR. .	22 5 28	22 0 12	1539. E. 11 17 4	JAN. .	19 19 9	20 7 18
	APRIL .	20 18 12	20 11 56		FEB. .	18 7 58	18 20 47
	MAY .	20 6 56	20 0 54		MAR. .	19 20 33	20 7 36
	○	{ 4 1 18 4 7 49			APRIL .	18 9 22	18 16 12
	JUNE .	{ 18 19 40 18 15 9			MAY .	17 22 6	17 23 26
	JULY .	18 8 21	18 6 32		JUNE .	16 10 50	16 6 16
	AUG. .	16 21 8	16 22 20		JULY .	15 23 34	15 13 50
	SEPT. .	15 9 52	15 13 53		AUG. .	14 12 18	13 23 12
	OCT. .	14 22 36	15 4 38		SEPT. .	13 1 2	12 11 13
	NOV. .	{ 13 11 20 13 18 20			OCT. .	{ 12 13 46 12 2 23	
	○	{ 28 5 42 27 19 20			NOV. .	{ 11 2 30 10 20 20	
	DEC. .	13 0 4	13 6 58		DEC. .	{ 10 15 14 10 15 45	
1537. a. 11 5 27	JAN. .	11 12 48	11 13 20	1540. D.C. 10 22 58	JAN. .	9 3 53	9 11 3
	FEB. .	10 1 32	10 4 41		FEB. .	7 16 42	8 4 38
	MAR. .	11 14 16	11 14 11		MAR. .	{ 8 5 26 8 19 25	
	APRIL .	10 3 0	9 23 17		○	{ 22 23 48 22 18 7	
	MAY .	{ 9 15 44 9 8 46			APRIL .	{ 6 18 10 7 7 8	
	○	{ 24 10 6 24 21 32			MAY .	{ 6 6 54 6 16 13	
	JUNE .	8 4 28	7 19 27		JUNE .	{ 4 19 38 4 23 34	
	JULY .	7 17 12	7 8 1		JULY .	{ 4 8 22 4 6 10	
	AUG. .	6 5 56	5 22 41		AUG. .	{ 2 21 6 2 13 16	
	SEPT. .	4 18 40	4 15 5		○	{ 1 9 50 1 21 49	
	OCT. .	4 7 24	4 8 23		SEPT. .	{ 16 4 12 16 9 31	
	NOV. .	{ 2 20 8 3 1 32			○	{ 30 22 34 30 8 47	
	○	{ 17 14 30 17 3 33			OCT. .	{ 30 11 18 29 22 43	
	DEC. .	{ 2 8 52 2 17 35			NOV. .	{ 29 0 2 28 15 27	
		{ 31 21 33 ...			DEC. .	{ 28 12 46 28 10 14	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1541. B.		d. h. m.	d. h. m.	A.D. 1544. F.R.		d. h. m.	d. h. m.
March. d. h. m.				March. d. h. m.			
11 4 42	JAN. .	27 1 31	27 5 35	10 22 8	JAN. .	9 22 19	10 7 46
	FEB. .	25 14 15	25 23 54		FEB. .	21 16 41	21 10 55
	O	12 8 37	12 6 9		MAR. .	23 5 25	22 23 31
	MAR. .	27 2 59	27 15 51		MAR. .	23 18 9	23 13 3
	APRIL	25 15 43	26 4 50		APRIL	22 6 53	22 3 34
	MAY .	25 4 27	25 15 1		MAY .	21 19 37	21 18 45
	JUNE .	23 17 11	23 23 9		JUNE .	20 8 21	20 10 12
	JULY .	23 5 55	23 6 21		O	5 2 48	4 21 45
	AUG. .	21 18 39	21 13 41		JULY .	19 21 5	20 1 11
	O	5 13 1	5 12 38		AUG. .	18 9 49	18 15 14
	SEPT. .	20 7 23	19 22 6		SEPT. .	16 22 33	17 4 11
	OCT. .	19 20 7	19 8 25		OCT. .	16 11 17	16 16 14
	NOV. .	18 8 51	17 21 6		NOV. .	15 0 1	15 8 40
	DEC. .	17 21 35	17 12 14		DEC. .	14 12 45	14 14 45
					O	29 7 7	29 7 52
1542. A.	JAN. .	16 10 20	16 5 22	1545. D.	JAN. .	13 1 30	13 1 33
11 10 31	FEB. .	14 23 4	14 23 34	11 3 57	FEB. .	11 11 14	11 12 6
	O	1 17 26	1 22 11		MAR. .	13 2 58	12 22 39
	MAR. .	16 11 48	16 17 34		APRIL	11 15 42	11 9 42
	APRIL	15 0 32	15 10 8		MAY .	11 4 26	10 21 44
	MAY .	14 13 16	15 0 23		JUNE .	9 17 10	9 11 11
	JUNE .	13 2 0	13 12 11		O	24 11 32	24 15 3
	JULY .	12 14 44	12 21 53		JULY .	9 5 54	9 2 0
	AUG. .	11 3 28	11 6 23		AUG. .	7 18 38	7 17 46
	SEPT. .	9 16 12	9 14 40		SEPT. .	6 7 22	6 9 45
	OCT. .	9 4 56	8 23 33		OCT. .	5 20 6	6 1 15
	NOV. .	7 17 40	7 9 42		NOV. .	4 8 50	4 15 47
	DEC. .	7 6 24	6 21 25		DEC. .	3 21 31	4 5 7
					O	18 15 56	18 3 1
1543. G.	JAN. .	5 19 8	5 10 47	1546. C.	JAN. .	2 10 18	2 17 12
11 16 19	FEB. .	4 7 52	4 1 42	11 9 46	FEB. .	31 23 2	...
	MAR. .	5 20 36	5 17 43		MAR. .	...	1 4 1
	APRIL	4 9 20	4 10 25		APRIL	2 11 46	2 13 43
	MAY .	3 22 4	4 2 46		MAY .	1 0 30	31 22 44
	JUNE .	2 10 43	2 17 59		JUNE .	80 13 14	80 7 40
		1 23 32	2 7 30		JULY .	80 1 58	29 17 26
	JULY O	16 17 54	16 6 42		AUG. .	28 14 42	28 4 52
		31 12 16	31 19 13		SEPT. .	28 3 26	27 18 27
	AUG. .	30 1 0	30 5 47		OCT. .	26 16 10	26 10 8
	SEPT. .	28 13 44	28 15 40		NOV. .	25 4 54	25 3 19
	OCT. .	28 2 23	28 1 37		DEC. .	24 17 33	24 20 55
	NOV. .	26 15 12	26 12 1			23 6 22	23 13 52
	DEC. .	26 3 56	25 23 7			22 19 6	23 5 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1547. B. March. d. h. m. 11 15 31	JAN. .	d. h. m. 21 7 51	d. h. m. 21 18 40	A.D. 1550. E. March. d. h. m. 11 9 1	JAN. .	d. h. m. 17 23 1	d. h. m. 17 23 54
	FEB. .	19 20 35	20 5 54		FEB. .	16 11 45	16 18 48
	MAR. .	21 9 19	21 15 14		MAR. .	18 0 29	18 11 55
	APRIL	19 22 3	19 23 15		APRIL	16 13 13	17 2 21
	○	{ 4 16 25	5 0 10		MAY .	16 1 57	16 13 50
	MAY .	{ 19 10 47	19 6 46		JUNE .	14 14 41	14 22 55
	JUNE .	17 23 31	17 14 48		JULY .	14 3 25	14 6 33
	JULY .	17 12 15	17 0 25		AUG. .	12 16 9	12 13 48
	AUG. .	16 0 59	15 12 30		SEPT. .	11 4 53	10 21 44
	SEPT. .	14 13 43	14 3 24		OCT. .	10 17 37	10 7 10
	OCT. .	{ 14 2 27	13 20 46		NOV. .	9 6 21	8 18 42
	○	{ 23 20 49	23 17 9		DEC. .	8 19 5	8 8 37
	NOV. .	12 15 11	12 15 35				
	DEC. .	12 3 55	12 10 23				
1548. A.G. 10 21 23	JAN. .	10 16 40	11 3 43	1551. D. 11 14 50	JAN. .	7 7 49	7 0 42
	FEB. .	9 5 24	9 18 34		FEB. .	{ 5 20 33	5 18 18
	MAR. .	9 18 8	10 6 35		○	{ 20 14 55	20 21 40
	APRIL	{ 8 6 52	8 16 4		MAR. .	7 9 17	7 12 19
	○	{ 23 1 14	23 0 36		APRIL	5 22 1	6 5 34
	MAY .	7 19 36	7 23 46		MAY .	5 10 45	5 20 59
	JUNE .	6 8 20	6 6 33		JUNE .	3 23 29	4 10 0
	JULY .	5 21 4	5 13 35		JULY .	3 12 13	3 20 46
	AUG. .	4 9 43	3 21 57		○	{ 2 0 57	2 5 56
	SEPT. .	2 22 32	2 8 37		AUG. ○	{ 16 19 19	16 8 35
	OCT. .	{ 2 11 16	1 22 20			{ 31 13 41	31 14 25
	○	{ 17 5 33	17 8 43		SEPT. .	30 2 25	29 23 8
	NOV. .	{ 1 0 0	31 15 2		OCT. .	29 15 9	29 8 46
	DEC. .	{ 30 12 44	30 9 55		NOV. .	28 8 53	27 19 44
		30 1 28	30 5 31		DEC. .	27 16 37	27 8 14
1549. F. 11 3 12	JAN. .	23 14 12	29 0 7	1552. C.B. 10 20 39	JAN. .	26 5 22	25 22 13
	FEB. .	27 2 56	27 16 20		○	{ 9 23 44	10 12 3
	MAR. .	23 15 40	29 5 31		FEB. .	{ 24 18 6	24 13 32
	○	{ 12 10 2	12 4 14		MAR. .	25 6 50	25 5 42
	APRIL	{ 27 4 24	27 15 45		APRIL	23 19 34	23 22 3
	MAY .	26 17 8	26 23 45		MAY .	23 8 18	23 13 50
	JUNE .	25 5 52	25 6 36		JUNE .	21 21 2	22 4 17
	JULY .	24 18 36	24 13 22		JULY .	21 9 46	21 17 5
	AUG. .	23 7 20	22 21 10		○	{ 5 4 8	4 15 20
	SEPT. .	21 20 4	21 6 57		AUG. .	{ 19 22 30	20 4 21
	○	{ 6 14 26	6 20 17		SEPT. .	18 11 14	18 14 46
	OCT. .	{ 21 8 48	20 19 25		OCT. .	17 23 53	18 0 51
	NOV. .	19 21 32	19 10 50		NOV. .	16 12 42	16 11 10
	DEC. .	19 10 16	19 4 42		DEC. .	16 1 26	15 21 57

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1553. A. March. d. h. m. 11 2 27		d. h. m.	d. h. m.	A.D. 1556. B.D. March. d. h. m. 10 19 54		d. h. m.	d. h. m.
	JAN. .	14 14 11	14 9 20		JAN. .	12 5 21	12 16 34
	FEB. .	13 2 55	12 21 17		FEB. .	10 18 5	11 4 48
	MAR..	14 15 39	14 10 3		MAR..	11 6 49	11 14 55
	APRIL	13 4 23	12 23 46		APRIL	9 19 33	9 23 19
	MAY .	12 17 7	12 14 26		MAY .	{ 9 8 17	9 6 48
	JUNE .	11 5 51	11 5 44		○	{ 24 2 39	24 10 54
	JULY .	10 18 35	10 21 3		JUNE .	7 21 1	7 14 20
	AUG. .	9 7 19	9 11 48		JULY .	7 9 45	6 22 56
	SEPT. .	7 20 3	8 1 34		AUG. .	5 22 29	5 9 40
	OCT. .	7 8 47	7 14 21		SEPT. .	4 11 13	3 23 12
	NOV. .	5 21 31	6 2 19		OCT. .	3 23 57	3 15 30
	DEC. .	5 10 15	5 13 42		NOV. .	{ 2 12 41	2 9 56
					○	{ 17 7 3	17 2 44
1554. G. 11 8 16	JAN. .	3 22 59	4 0 39		DEC. .	{ 2 1 25	2 5 6
	FEB. .	2 11 43	2 11 11			{ 31 14 9	31 23 24
	MAR..	4 0 27	3 21 23				
	APRIL	2 13 11	2 7 55	1557. C. 11 1 43	JAN. .	30 2 53	30 15 35
	MAY .	{ 2 1 55	1 19 7		FEB. .	23 15 37	{ 1 4 58
	○	{ 31 14 39	31 7 37		MAR..	30 4 21	{ 30 15 44
	JUNE .	{ 15 9 1	15 15 11		APRIL	23 17 5	23 23 55
	JULY .	{ 30 3 23	29 21 41		MAY .	23 5 49	23 6 56
	AUG. .	23 4 51	23 5 15		JUNE .	26 13 33	26 13 40
	SEPT. .	26 17 35	26 21 19		JULY .	26 7 17	25 21 13
	OCT. .	26 6 19	26 12 41		AUG. .	24 20 1	24 6 40
	NOV. .	24 19 3	25 2 52		SEPT. .	23 8 45	22 18 54
	○	{ 9 13 25	9 3 37		OCT. .	22 21 29	22 10 13
	DEC. .	{ 24 7 47	24 15 43		NOV. .	21 10 13	21 4 13
					DEC. .	20 22 57	20 23 42
1555. F. 11 14 5	JAN. .	22 20 32	23 3 9	1558. B. 11 7 32	JAN. .	19 11 42	19 19 1
	FEB. .	21 9 16	21 13 16		FEB. .	18 0 26	18 12 30
	MAR..	22 22 0	22 22 21		MAR..	19 13 10	20 3 10
	APRIL	21 10 44	21 6 59		○	{ 3 7 32	3 1 42
	MAY .	20 23 28	20 16 1		APRIL	{ 18 1 54	18 14 44
	○	{ 4 17 50	5 4 37		MAY .	17 14 33	17 23 42
	JUNE .	{ 19 12 12	19 2 21		JUNE .	16 3 22	16 6 59
	JULY .	19 0 56	18 14 46		JULY .	15 16 6	15 13 41
	AUG. .	17 13 40	17 5 29		AUG. .	14 4 50	13 20 55
	SEPT. .	16 2 24	15 22 9		SEPT. .	{ 12 17 34	12 5 42
	OCT. .	15 15 8	15 15 54		○	{ 27 11 56	27 17 9
	NOV. .	{ 14 3 52	14 9 34		OCT. .	12 6 13	11 16 53
	○	{ 23 22 14	23 12 19		NOV. .	10 19 2	10 6 53
	DEC. .	13 16 36	14 2 2		DEC. .	10 7 46	9 23 36

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1559.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1562.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	8 20 31	8 18 13		JAN. .	5 11 41	5 8 0
<i>d. h. m.</i>	FEB. .	7 9 15	7 13 19		○	20 6 3	20 15 54
11 13 20	MAR. .	8 21 59	9 7 22	March.	FEB. .	4 0 25	3 19 29
	○	23 16 21	23 14 14	<i>d. h. m.</i>	MAR. .	5 13 9	5 7 33
	APRIL	7 10 43	7 23 7	11 6 47	APRIL	4 1 53	3 20 27
	MAY .	6 23 27	7 12 1		MAY .	3 14 37	3 10 24
	JUNE .	5 12 11	5 22 14		JUNE .	2 3 21	2 1 18
	JULY .	5 0 55	5 6 32			1 16 5	1 16 41
	AUG. .	3 13 39	3 13 59		JULY ○	16 10 27	16 5 13
	SEPT. .	2 2 23	1 21 37			31 4 49	31 7 54
	○	16 20 45	16 19 45		AUG. .	29 17 33	29 22 26
		1 15 7	1 6 21		SEPT. .	23 6 17	23 11 59
	OCT. .	31 3 51	30 16 55		OCT. .	27 19 1	28 0 37
	NOV. .	29 16 35	29 5 39		NOV. .	26 7 45	26 12 29
	DEC. .	29 5 19	28 20 36		DEC. .	25 20 29	25 23 42
1560.	JAN. .	27 18 3	27 13 22	1563.	○	9 14 51	9 15 43
G.F.	FEB. .	26 6 47	26 7 5	C.	JAN. .	24 9 13	24 10 22
	○	12 1 9	12 6 30		FEB. .	22 21 57	22 20 35
10 19 9	MAR. .	26 19 31	27 0 40	11 12 36	MAR. .	24 10 41	24 6 37
	APRIL	25 8 15	25 16 58		APRIL	22 23 25	22 17 5
	MAY .	24 20 59	25 7 12		MAY .	22 12 9	22 4 33
	JUNE .	23 9 43	23 19 8		JUNE .	21 0 53	20 17 45
	JULY .	22 22 27	23 5 10		○	5 19 15	5 22 27
	AUG. .	21 11 11	21 14 4		JULY .	20 13 37	20 8 31
	○	5 5 33	4 19 50		AUG. .	19 2 21	19 0 32
	SEPT. .	19 23 55	19 22 47		SEPT. .	17 15 5	17 16 58
	OCT. .	19 12 39	19 8 4		OCT. .	17 3 49	17 9 3
	NOV. .	18 1 23	17 18 28		NOV. .	15 16 33	16 0 8
	DEC. .	17 14 7	17 6 11		DEC. .	15 5 17	15 13 51
					○	29 23 39	29 16 14
1561.	JAN. .	16 2 51	15 19 18	1564.	JAN. .	13 18 2	14 2 2
E.	FEB. .	14 15 35	14 9 43	B.A.	FEB. .	12 6 46	12 12 42
11 0 53	MAR. .	16 4 20	16 1 15	10 18 23	MAR. .	12 19 30	12 22 2
	APRIL	14 17 4	14 17 21		APRIL	11 8 14	11 6 35
	MAY .	14 5 43	14 9 22		MAY .	10 20 53	10 15 6
	JUNE .	12 18 32	13 0 32		JUNE .	9 9 42	9 0 29
	JULY .	12 7 16	12 14 18		JULY .	8 22 26	8 11 41
	AUG. .	10 20 0	11 2 32		AUG. .	7 11 10	7 1 15
	SEPT. .	9 8 44	9 13 33		SEPT. .	5 23 54	5 17 7
	OCT. .	8 21 23	9 0 18		OCT. .	5 12 33	5 10 40
	NOV. .	7 10 12	7 10 19		NOV. .	4 1 22	4 4 46
	DEC. .	6 22 56	6 20 53		DEC. .	3 14 6	3 22 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1565. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1568. D.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 11 0 13	JAN. .	{ 2 2 50 31 15 34	2 13 50 ...	March. <i>d. h. m.</i> 10 17 40	JAN. .	29 6 44	29 7 40
	FEB. .	...	1 3 14		FEB. .	27 19 28	28 2 17
	MAR. .	{ 2 4 18 31 17 2	2 14 16 31 23 17		MAR. .	28 8 12	28 19 11
	APRIL	30 5 46	30 6 58		APRIL	26 20 56	27 9 28
	O	{ 15 0 8 29 18 30	15 6 49 29 14 11		MAY .	26 9 40	26 20 58
	MAY .	28 7 14	27 22 1		JUNE .	24 22 24	25 6 10
	JUNE .	27 19 58	27 7 33		JULY .	24 11 8	24 14 2
	AUG. .	26 8 42	25 19 34		AUG. .	22 23 52	22 21 37
	SEPT. .	24 21 26	24 10 43		SEPT. .	21 12 36	21 6 52
	OCT. .	24 10 10	24 4 20		OCT. .	21 1 20	20 15 37
	O	{ 8 4 32 22 22 54	8 1 54 22 23 27		NOV. .	19 14 4	19 3 17
	NOV. .	22 11 38	22 18 30	1569. B.	DEC. .	19 2 48	18 17 6
	DEC. .	21 0 23	21 11 56		JAN. .	17 15 36	17 8 53
1566. F.	JAN. .	19 13 7	20 2 43		FEB. .	16 4 17	16 2 1
11 6 2	MAR. .	21 1 51	21 14 34	10 23 29	O	{ 2 22 39 17 17 1	3 6 6 17 19 35
	APRIL	19 14 35	19 23 50		APRIL	16 5 45	16 12 28
	O	{ 4 8 57 19 3 19	4 7 19 19 7 19		MAY .	15 18 29	16 3 44
	MAY .	17 16 3	17 13 59		JUNE .	14 7 13	14 16 52
	JUNE .	17 4 47	16 20 59		JULY .	13 19 57	14 3 54
	AUG. .	15 17 31	15 5 25		AUG. .	{ 12 8 41 27 3 3	12 13 23 26 15 36
	SEPT. .	14 6 15	13 16 14		O	10 21 25	10 22 28
	OCT. .	{ 13 18 59 23 13 21	13 6 15 23 17 19		SEPT. .	10 10 9	10 7 32
	O	12 7 43	11 22 54		NOV. .	8 22 53	8 17 30
	NOV. .	11 20 27	11 17 51		DEC. .	8 11 37	8 4 35
	DEC. .	10 9 12	10 13 28	1570. A.	JAN. .	7 0 22	6 16 55
1567. E.	JAN. .	8 21 56	9 7 59		FEB. .	{ 5 13 6 20 7 28	5 6 29 20 20 24
11 11 51	FEB. .	10 10 40	11 0 4	11 5 18	O	7 1 50	6 21 12
	MAR. .	{ 8 23 24 23 17 46	9 13 6 23 11 27		MAR. .	5 14 34	5 12 47
	APRIL	8 12 8	8 23 13		APRIL	5 3 18	5 4 45
	O	7 0 52	7 7 10		MAY .	3 16 2	3 20 22
	MAY .	6 13 36	6 14 5		JUNE .	3 4 46	3 10 57
	JUNE .	5 2 20	4 20 59		JULY .	{ 1 17 30 16 11 52	2 0 6 15 22 41
	AUG. .	3 15 4	3 5 1		AUG. O	31 6 14	31 11 57
	SEPT. .	{ 3 3 48 17 22 10	2 15 1 18 4 16		SEPT. .	29 18 58	29 22 51
	OCT. .	1 16 32	{ 1 3 39 30 19 4		OCT. .	29 7 42	29 9 26
	O	{ 1 5 16 30 18 0	30 12 47		NOV. .	27 20 26	27 20 4
	NOV. .				DEC. .	27 9 10	27 6 55
	DEC. .						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1571. c. March. d. h. m. 11 11 6		d. h. m.	d. h. m.	A.D. 1574. c. March. d. h. m. 11 4 38		d. h. m.	d. h. m.
	JAN. .	25 21 54	25 18 1		JAN. .	22 13 4	23 1 5
	FEB. .	24 10 38	24 5 31		FEB. .	21 1 48	21 13 13
	MAR. .	25 23 22	25 17 41		MAR. .	22 14 32	22 23 3
	APRIL	24 12 6	24 6 48		APRIL	21 3 16	21 7 9
	MAY .	24 0 50	23 21 2		MAY .	20 16 0	20 14 20
	JUNE .	22 13 34	22 12 9		O	{ 4 10 22	4 17 30
	JULY .	22 2 18	22 3 37		JUNE .	{ 19 4 44	18 21 37
	O	{ 5 20 40	5 12 39		JULY .	18 17 28	18 6 7
	AUG. .	{ 20 15 2	20 13 45		AUG. .	17 6 12	16 16 51
	SEPT. .	19 3 46	19 9 6		SEPT. .	15 18 56	15 6 29
	OCT. .	18 16 30	18 22 29		OCT. .	15 7 40	14 23 2
	NOV. .	17 5 14	17 10 57		NOV. .	{ 13 20 24	13 17 42
	DEC. .	16 17 58	16 22 38		O	{ 28 14 46	28 11 37
					DEC. .	13 9 8	13 13 7
1572. P.E. 10 16 55	JAN. .	15 6 43	15 9 35	1575. D. 11 10 22	JAN. .	11 21 53	12 7 34
	FEB. .	13 19 27	13 19 50		FEB. .	10 10 37	10 23 45
	MAR. .	14 8 11	14 5 40		MAR. .	11 23 21	12 13 0
	APRIL	12 20 55	12 15 34		APRIL	10 12 5	10 23 22
	MAY .	12 9 39	12 2 13		MAY .	10 0 49	10 7 32
	JUNE .	{ 10 22 23	10 14 20		JUNE .	8 13 33	8 14 25
	O	{ 25 16 45	25 22 32		JULY .	8 2 17	7 21 5
	JULY .	10 11 7	10 4 14		AUG. .	6 15 1	6 4 43
	AUG. .	8 23 51	8 19 45		SEPT. .	5 3 45	4 14 18
	SEPT. .	7 12 35	7 12 15		OCT. .	4 16 29	4 2 41
	OCT. .	7 1 19	7 4 54		NOV. .	3 5 13	2 18 7
	NOV. .	5 14 3	5 20 50		DEC. .	2 17 57	2 12 12
	DEC. .	{ 5 2 48	5 11 30				
	O	{ 19 21 10	19 11 59				
1573. D. 10 22 44	JAN. .	3 15 32	4 0 32	1576. A.G. 10 16 11	JAN. .	{ 1 6 41	1 7 39
	FEB. .	2 4 16	2 11 53			{ 30 19 25	31 2 51
	MAR. .	3 17 0	3 21 42		FEB. .	29 8 9	29 20 13
	APRIL	2 5 44	2 6 22		MAR. .	29 20 54	30 10 44
	MAY .	{ 1 18 28	1 14 35		O	{ 13 15 16	13 9 11
	O	{ 31 7 12	30 23 13		APRIL	{ 23 9 33	23 22 11
	JUNE .	{ 29 19 56	29 9 17		MAY .	27 22 22	28 7 5
	JULY .	29 8 40	28 21 34		JUNE .	26 11 6	26 14 25
	AUG. .	27 21 24	27 12 24		JULY .	25 23 50	26 21 14
	SEPT. .	26 10 8	26 5 23		AUG. .	24 12 34	24 4 43
	OCT. .	25 22 52	25 23 34		SEPT. .	23 1 13	22 13 45
	NOV. .	24 11 36	24 17 41		O	{ 7 19 40	8 0 59
	O	{ 9 5 53	8 21 6		OCT. .	{ 22 14 2	22 1 7
	DEC. .	{ 24 0 20	24 10 23		NOV. .	21 2 46	20 15 11
					DEC. .	20 15 30	20 7 47

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1577. F. March. <i>d. h. m.</i> 10 21 59		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1580. C.B. March. <i>d. h. m.</i> 10 15 26		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	19 4 14	19 2 7		JAN. .	{ 16 19 24	16 16 51
	FEB. .	17 16 58	17 20 54		○	{ 31 18 46	31 23 52
	MAR. .	19 5 42	19 14 39		FEB. .	15 8 8	15 3 56
	○	{ 3 0 4	2 22 11		MAR. .	15 20 52	15 15 27
	APRIL	{ 17 18 26	18 6 13		APRIL	14 9 36	14 3 45
	MAY .	17 7 10	17 19 4		MAY .	13 22 20	13 17 10
	JUNE .	15 19 54	16 5 23		JUNE .	12 11 4	12 7 45
	JULY .	15 8 38	15 13 54		JULY .	{ 11 23 48	11 23 8
	AUG. .	13 21 22	13 21 38		○	{ 26 18 10	26 12 45
	SEPT. .	{ 12 10 6	12 5 39		AUG. .	10 12 32	10 14 39
	○	{ 27 4 23	27 3 0		SEPT. .	9 1 16	9 5 42
	OCT. .	11 22 50	11 14 44		OCT. .	8 14 0	8 10 53
	NOV. .	10 11 34	10 1 30		NOV. .	7 2 44	7 9 4
	DEC. .	10 0 18	9 14 15		DEC. .	6 15 28	6 21 19
1578. E. 11 3 43	JAN. .	8 13 3	8 4 58	1581. A. 10 21 15	JAN. .	{ 5 4 13	5 8 40
	FEB. .	7 1 47	6 21 17		○	{ 19 22 35	19 23 40
	MAR. .	{ 8 14 31	8 14 30		FEB. .	3 16 57	3 19 8
	○	{ 23 8 53	23 14 42		MAR. .	5 5 41	5 4 58
	APRIL	7 3 15	7 7 39		APRIL	3 18 25	3 14 29
	MAY .	6 15 59	6 23 43		MAY .	3 7 9	3 0 24
	JUNE .	5 4 43	5 13 58		JUNE .	1 19 53	1 11 30
	JULY .	4 17 27	5 2 6			{ 1 8 37	1 0 22
	AUG. .	3 6 11	3 12 30		JULY ○	{ 16 2 59	16 5 54
	SEPT. .	{ 1 18 55	1 21 51			{ 30 21 21	30 15 8
	○	{ 16 13 17	16 3 1		AUG. .	29 10 5	29 7 23
	OCT. .	{ 1 7 39	1 7 3		SEPT. .	27 22 49	28 0 18
		{ 30 20 23	30 16 45		OCT. .	27 11 33	27 16 59
	NOV. .	29 9 7	29 3 19		NOV. .	26 0 17	26 8 34
	DEC. .	28 21 51	28 15 0		DEC. .	25 13 1	25 22 35
1579. D. 11 9 37	JAN. .	27 10 35	27 3 46	1582. G. 11 3 4	○	{ 9 7 23	9 0 26
	FEB. .	25 23 19	25 17 39		JAN. .	{ 24 1 45	24 10 46
	MAR. .	27 12 3	27 8 32		FEB. .	22 14 29	22 21 14
	APRIL	26 0 47	26 0 9		MAR. .	24 3 13	24 6 12
	MAY .	25 13 31	25 15 53		APRIL	22 15 57	22 14 20
	JUNE .	24 2 15	24 7 4		MAY .	22 4 41	21 22 25
	JULY .	23 14 59	23 21 5		JUNE .	20 17 25	20 7 32
	AUG. .	22 3 43	22 9 48		JULY .	20 6 9	19 18 34
	SEPT. .	20 16 27	20 21 25		AUG. .	18 18 53	18 8 8
	OCT. .	20 5 11	20 8 23		SEPT. .	17 7 37	17 0 14
	NOV. .	18 17 55	18 19 8		OCT. .	16 20 21	16 18 8
	DEC. .	18 6 39	18 5 56		NOV. .	15 9 5	15 12 41
					DEC. .	14 21 49	15 6 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1583. F. March. <i>d. h. m.</i> 11 8 52		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1586. H. March. <i>d. h. m.</i> 11 2 19		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	13 10 34	13 22 19		JAN. .	10 1 44	9 20 51
	FEB. .	11 23 18	12 11 40		FEB. .	8 14 28	8 15 24
	MAR. .	13 12 2	13 22 29		MAR. .	10 3 12	10 9 39
	APRIL	12 0 46	12 7 13		APRIL	8 15 56	9 2 17
	MAY .	{ 11 13 30	11 14 35		MAY .	8 4 40	8 16 2
	○	{ 26 7 52	26 13 23		JUNE .	6 17 24	7 4 2
	JUNE .	10 2 14	9 21 35		JULY .	6 6 8	6 13 26
	JULY .	9 14 58	9 5 18		AUG. .	4 18 52	4 21 31
	AUG. .	8 3 42	7 14 47		SEPT. .	3 7 36	3 5 32
	SEPT. .	6 16 26	6 2 58		OCT. .	2 20 20	2 14 11
	OCT. .	6 5 10	5 18 12		NOV. .	{ 1 9 4	1 0 11
	NOV. .	{ 4 17 54	4 12 3		DEC. .	{ 30 21 48	30 11 58
	○	{ 19 12 16	19 10 44			30 10 32	30 1 38
	DEC. .	4 6 38	4 7 24				
1584. E.D. 10 14 41	JAN. .	2 19 23	3 2 36	1587. A. 11 8 8	JAN. .	28 23 16	28 17 1
	FEB. .	1 8 7	1 20 3		FEB. .	27 12 0	27 9 36
	MAR. .	{ 1 20 51	2 10 45		○	{ 14 6 22	14 14 23
	APRIL	{ 31 9 35	31 22 25		MAR. .	{ 29 0 44	29 2 40
	○	29 22 19	30 7 29		APRIL	27 13 23	27 19 14
	MAY .	{ 14 16 41	14 13 58		MAY .	27 2 12	27 10 25
	JUNE .	{ 29 11 8	29 14 49		JUNE .	25 14 56	25 23 40
	JULY .	27 23 47	27 21 26		JULY .	25 3 40	25 11 2
	AUG. .	27 12 31	27 4 29		AUG. .	23 16 24	23 21 8
	SEPT. .	26 1 15	25 13 1		○	{ 7 10 46	6 22 46
	OCT. .	24 18 59	24 0 1		SEPT. .	{ 22 5 8	22 6 28
	NOV. .	{ 7 21 5	8 1 55		OCT. .	21 17 52	21 16 5
	DEC. .	{ 22 15 27	22 6 55		NOV. .	20 6 36	20 2 19
		22 4 11	22 1 50		DEC. .	19 19 20	19 13 27
1585. C. 10 20 30	JAN. .	20 16 55	20 21 20	1588. G.F. 10 13 57	JAN. .	18 8 5	18 1 34
	FEB. .	19 5 39	19 15 42		FEB. .	16 20 49	16 14 39
	MAR. .	20 18 23	21 7 37		○	{ 2 15 11	3 4 32
	APRIL	19 7 7	19 20 30		MAR. .	{ 17 9 33	17 4 45
	○	{ 4 1 29	3 18 36		APRIL	15 22 17	15 19 46
	MAY .	{ 18 19 51	19 6 32		MAY .	15 11 1	15 11 19
	JUNE .	17 8 35	17 14 33		JUNE .	13 23 45	14 2 49
	JULY .	16 21 19	16 21 33		JULY .	13 12 29	13 17 34
	AUG. .	15 10 3	15 4 42		AUG. .	{ 12 1 13	12 7 10
	SEPT. .	13 22 47	13 12 59		○	{ 26 19 35	26 6 10
	OCT. .	{ 13 11 31	12 23 13		SEPT. .	10 13 57	10 19 33
	○	{ 23 5 53	23 12 21		OCT. .	10 2 41	10 7 4
	NOV. .	12 0 15	11 11 59		NOV. .	8 15 25	8 18 7
	DEC. .	11 12 59	11 8 21		DEC. .	8 4 9	8 5 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1589. E. March. d. h. m. 10 19 45		d. h. m.	d. h. m.	A.D. 1592. B.A. March. d. h. m. 10 13 12		d. h. m.	d. h. m.
	JAN. .	6 16 54	6 15 51		JAN. .	4 8 4	4 18 51
	FEB. .	5 5 38	5 2 42		FEB. .	2 20 48	3 9 31
	MAR. .	6 18 22	6 13 41		MAR. .	3 9 32	3 21 30
	APRIL	5 7 6	5 1 14		APRIL	1 22 16	2 7 4
	MAY .	4 19 50	4 13 48		MAY .	{ 1 11 0 30 23 44	{ 1 14 53 30 21 48
	JUNE .	3 8 34	3 3 37		O	{ 14 18 6	{ 15 0 4
	JULY .	2 21 18	2 18 37		JUNE .	{ 29 12 28	{ 29 4 57
	AUG. O	{ 1 10 2 16 4 24	{ 1 10 14 15 20 20		JULY .	29 1 12	28 13 24
	SEPT. .	30 22 46	31 1 49		AUG. .	27 18 56	27 0 12
	OCT. .	29 11 30	29 16 46		SEPT. .	26 2 40	25 13 58
	NOV. .	29 0 14	29 6 44		OCT. .	25 15 24	25 6 42
	DEC. .	27 12 58	27 19 41		NOV. .	24 4 8	24 1 35
		27 1 42	27 7 32		O	{ 8 22 30	{ 8 20 35
					DEC. .	{ 23 16 52	{ 23 21 6
1590. D. 11 1 34	JAN. .	25 14 27	25 18 24	1593. G. 10 19 1	JAN. .	22 5 36	22 15 37
	FEB. .	24 3 11	24 4 22		FEB. .	20 18 20	21 7 45
	MAR. .	25 15 55	25 13 43		MAR. .	22 7 4	22 20 51
	APRIL	24 4 39	23 23 6		APRIL	20 19 48	21 7 2
	MAY .	23 17 23	23 9 17		MAY .	20 8 32	20 15 3
	JUNE .	22 6 7	21 21 3		JUNE .	18 21 16	18 21 52
	O	{ 7 0 29	{ 7 5 54		JULY .	18 10 0	18 4 34
	JULY .	{ 21 13 51	{ 21 10 51		AUG. .	16 22 44	16 12 19
	AUG. .	20 7 35	20 2 31		SEPT. .	15 11 28	14 22 4
	SEPT. .	18 20 19	18 19 25		OCT. .	15 0 12	14 10 36
	OCT. .	13 9 3	13 12 35		NOV. .	13 12 56	13 2 9
	NOV. .	16 21 47	17 5 4		DEC. .	13 1 40	12 20 12
	DEC. .	{ 16 10 31	{ 16 20 6				
	O	{ 31 4 53	{ 30 20 20				
1591. C. 11 7 23	JAN. .	14 23 15	15 9 16	1594. F. 11 0 50	JAN. .	11 14 25	11 15 35
	FEB. .	13 11 59	13 20 29		FEB. .	10 3 9	10 10 36
	MAR. .	15 0 48	15 6 0		MAR. .	11 15 53	12 3 47
	APRIL	13 13 27	13 14 15		APRIL	{ 10 4 37	{ 10 18 8
	MAY .	13 2 11	12 22 4		O	{ 24 22 59	{ 24 16 33
	JUNE .	{ 11 14 55	{ 11 6 23		MAY .	9 17 21	10 5 29
	O	{ 26 9 17	{ 26 18 34		JUNE .	8 6 5	8 14 23
	JULY .	11 3 39	10 16 15		JULY .	7 18 49	7 21 49
	AUG. .	9 16 23	9 4 30		AUG. .	6 7 33	6 4 53
	SEPT. .	8 5 7	7 19 27		SEPT. .	4 20 17	4 12 37
	OCT. .	7 17 51	7 12 43		OCT. .	{ 4 9 1	{ 3 21 56
	NOV. .	6 6 35	6 7 19		O	{ 19 3 23	{ 19 8 44
	DEC. .	{ 5 19 19	{ 6 1 47		NOV. .	2 21 45	2 9 29
	O	{ 20 13 41	{ 20 5 51		DEC. .	{ 2 10 29	{ 1 23 34
						{ 31 23 13	{ 31 16 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1595. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1598. A.		<i>d. h. m.</i>	<i>d. h. m.</i>
March.	JAN. .	30 11 58	30 9 58	March.	JAN. .	27 8 8	27 1 39
<i>d. h. m.</i>	FEB. .	...	...	11 0 5	○	{ 10 21 30	11 7 42
11 6 38	MAR. .	{ 1 0 42	1 4 22		FEB. .	{ 25 15 52	25 12 19
	○	{ 30 13 26	30 22 9		MAR. .	27 4 36	26 23 14
	APRIL	{ 14 7 48	14 6 2		APRIL	25 17 20	25 10 58
	MAY .	{ 29 2 10	29 13 12		MAY .	25 6 4	24 23 54
	JUNE .	28 14 54	29 2 3		JUNE .	23 18 43	23 14 14
	JULY .	27 3 38	27 12 30		JULY .	23 7 32	23 5 39
	AUG. .	26 16 22	26 21 19		○	{ 7 1 54	6 20 23
	SEPT. .	25 5 6	25 5 26		AUG. .	{ 21 20 16	21 21 31
	○	{ 23 17 50	23 13 50		SEPT. .	20 9 0	20 13 7
	OCT. .	{ 8 12 12	8 10 21		OCT. .	19 21 44	20 3 55
	NOV. .	{ 23 6 31	22 23 15		NOV. .	18 10 23	18 17 38
	DEC. .	21 19 13	21 10 12		DEC. .	17 23 12	18 6 10
		21 8 2	20 22 54				
1596. D.C.	JAN. .	19 20 46	19 13 18	1599. G.	JAN. .	{ 16 11 56	16 17 32
10 12 27	FEB. .	18 9 30	18 5 6	11 5 51	○	{ 31 6 18	31 7 27
	MAR. .	18 22 14	18 21 47		FEB. .	15 0 40	15 3 43
	○	{ 2 16 36	2 22 43		MAR. .	16 13 24	16 13 10
	APRIL	{ 17 10 58	17 14 29		APRIL	15 2 8	14 22 12
	MAY .	16 23 42	17 6 21		MAY .	14 14 52	14 7 33
	JUNE .	15 12 26	15 20 33		JUNE .	13 3 36	12 18 21
	JULY .	15 1 10	15 9 39		JULY .	{ 12 16 20	12 7 2
	AUG. .	13 13 54	13 19 52		○	{ 27 10 42	27 13 24
	SEPT. .	{ 12 2 33	12 5 46		AUG. .	11 5 4	10 21 50
	○	{ 26 21 0	26 10 23		SEPT. .	9 17 43	9 14 23
	OCT. .	11 15 22	11 15 26		OCT. .	9 6 32	9 7 47
	NOV. .	10 4 6	10 1 29		NOV. .	7 19 13	8 0 53
	DEC. .	9 16 50	9 12 14		DEC. .	7 8 0	7 17 3
1597. H.	JAN. .	8 5 35	7 23 48	1600. F.E.	JAN. .	{ 5 20 45	6 7 16
10 18 16	FEB. .	6 13 19	6 12 10	10 11 43	○	{ 20 15 7	20 8 37
	MAR. .	8 7 3	8 1 29		FEB. .	4 9 29	4 19 27
	APRIL	6 19 47	6 15 46		MAR. .	4 22 13	5 5 33
	MAY .	6 8 31	6 6 51		APRIL	3 10 57	3 14 14
	JUNE .	4 21 15	4 22 21		MAY .	2 23 41	2 21 59
	JULY .	4 9 59	4 13 35		JUNE .	1 13 25	1 5 45
	AUG. .	2 22 43	3 3 53		JULY .	{ 1 1 9	30 14 37
	SEPT. .	1 11 27	1 17 12			{ 30 13 53	30 1 33
	○	{ 1 0 11	1 5 25		AUG. .	29 2 37	28 15 11
	OCT. .	{ 30 12 55	30 16 54		SEPT. .	27 15 21	27 7 31
	NOV. .	29 1 39	29 4 2		OCT. .	27 4 5	27 1 46
	DEC. .	28 14 23	28 14 55		NOV. .	25 16 42	25 20 40
					DEC. .	25 5 33	25 14 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1601.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1604.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				A.G.			
March.	JAN. .	23 18 18	24 6 42	March.	JAN. .	21 9 28	21 4 53
<i>d. h. m.</i>	FEB. .	22 7 2	22 19 58	<i>d. h. m.</i>	FEB. .	19 22 12	19 23 2
10 17 31	MAR. .	23 19 46	24 6 34	10 10 58	MAR. .	20 10 56	20 16 54
	APRIL	22 8 30	22 15 1		APRIL	18 23 40	19 9 16
	MAY .	21 21 14	21 22 8		MAY .	18 12 24	18 23 23
	○	{ 5 15 36	5 19 53		JUNE .	17 1 8	17 11 2
	JUNE .	{ 20 9 58	20 4 58		JULY .	16 13 52	16 20 41
	JULY .	19 22 42	19 12 37		AUG. .	15 2 36	15 5 13
	AUG. .	18 11 26	17 22 9		SEPT. .	13 15 20	13 13 35
	SEPT. .	17 0 10	16 10 28		OCT. .	13 4 4	12 22 37
	OCT. .	16 12 54	16 1 51		NOV. .	11 16 48	11 8 55
	NOV. .	{ 15 1 38	14 19 54		DEC. .	11 5 32	10 20 45
	○	{ 29 20 0	29 19 41				
	DEC. .	14 14 22	14 15 22	1605.	JAN. .	9 18 16	9 10 10
1602.	JAN. .	13 3 6	13 10 36	F.	FEB. .	8 7 0	8 1 5
C.	FEB. .	11 15 50	12 4 2	10 16 47	MAR. .	{ 9 19 44	9 17 8
10 23 20	MAR. .	13 4 34	13 18 36		○	{ 24 14 6	24 22 31
	APRIL	11 17 18	12 6 6		APRIL	8 8 28	8 9 40
	MAY .	{ 11 6 2	11 14 59		MAY .	7 21 12	8 1 54
	○	{ 26 0 24	25 20 35		JUNE .	6 9 56	6 17 0
	JUNE .	9 18 46	9 22 14		JULY .	5 22 40	6 6 28
	JULY .	9 7 30	9 4 53		AUG. .	4 11 24	4 18 13
	AUG. .	7 20 14	7 12 3		SEPT. .	{ 3 0 8	3 4 44
	SEPT. .	6 8 58	5 20 47		○	{ 17 18 30	17 6 7
	OCT. .	5 21 42	5 7 58		OCT. .	2 12 52	2 14 42
	NOV. .	{ 4 10 26	3 22 5		NOV. .	{ 1 1 36	1 0 45
	○	{ 19 4 48	19 10 35		DEC. .	{ 30 14 20	30 11 15
	DEC. .	3 23 10	3 15 0			30 3 4	29 22 23
1603.	JAN. .	2 11 55	2 9 51	1606.	JAN. .	28 15 49	28 10 11
B.	FEB. .	1 0 39	1 5 9	E.	FEB. .	27 4 33	26 22 44
11 5 9	MAR. .	2 13 23	2 23 17		○	{ 13 22 55	14 12 32
	APRIL	{ 1 2 7	1 15 1	10 22 36	MAR. .	{ 28 17 17	28 12 13
	○	{ 30 14 51	1 3 47		APRIL	27 6 1	27 2 40
	MAY .	{ 15 9 13	15 1 41		MAY .	26 18 45	26 17 51
	JUNE .	{ 30 3 35	30 13 49		JUNE .	25 7 29	25 9 15
	JULY .	28 16 19	28 21 53		JULY .	24 20 13	25 0 15
	AUG. .	26 17 47	26 12 31		AUG. .	23 8 57	23 14 19
	SEPT. .	25 6 31	24 21 6		○	{ 7 3 19	6 13 48
	OCT. .	24 19 15	24 7 36		SEPT. .	{ 21 21 41	22 8 18
	○	{ 8 13 37	8 20 32		OCT. .	21 10 25	21 15 25
	NOV. .	{ 23 7 59	22 20 27		NOV. .	19 23 9	20 2 54
	DEC. .	22 20 43	22 11 42		DEC. .	19 11 53	19 14 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1607.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1610.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				G.			
March.	JAN. .	18 0 37	18 0 44	March.	JAN. .	14 15 47	15 3 9
<i>d. h. m.</i>	FEB. .	16 13 21	16 11 18	<i>d. h. m.</i>	FEB. .	13 4 31	13 17 48
11 4 24	MAR. .	18 2 5	17 21 42	10 21 51	MAR. .	14 17 15	15 5 37
	APRIL	16 14 49	16 8 39		APRIL	13 5 59	13 14 55
	MAY .	16 3 33	15 20 42		MAY .	12 18 43	12 22 28
	JUNE .	14 16 17	14 10 11		JUNE .	{ 11 7 27	11 5 14
	JULY .	14 5 1	14 1 4		○	{ 26 1 49	26 6 34
	AUG. .	{ 12 17 45	12 16 35		JULY .	10 20 11	10 12 18
	○	{ 27 12 7	27 4 7		AUG. .	9 8 55	8 20 47
	SEPT. .	11 6 29	11 8 58		SEPT. .	7 21 39	7 7 41
	OCT. .	10 19 13	11 0 31		OCT. .	7 10 23	6 21 37
	NOV. .	9 7 57	9 15 6		NOV. .	5 23 7	5 14 31
	DEC. .	8 20 41	9 4 23		DEC. .	{ 5 11 51	5 9 31
					○	{ 20 6 13	20 5 33
1608.	JAN. .	7 9 23	7 16 27				
C.B.	FEB. .	5 22 10	6 3 9				
10 10 13	MAR. .	6 10 54	6 12 45	1611.	JAN. .	4 0 36	4 5 8
	APRIL	4 23 38	4 21 38	F.	FEB. .	2 13 20	2 23 36
	MAY .	4 12 22	4 6 31	11 3 40	MAR. .	4 2 4	4 15 37
	JUNE .	3 1 6	2 16 18		APRIL	2 14 48	3 4 33
	JULY .	{ 2 13 50	{ 2 3 48		MAY .	{ 2 3 32	2 14 35
	○	{ 17 8 12	{ 17 13 16		JUNE .	{ 31 16 16	31 22 29
		{ 1 2 34	{ 31 17 32		JULY .	30 5 0	30 5 17
	AUG. .	{ 30 15 18	30 9 23		AUG. .	29 17 44	29 12 6
	SEPT. .	29 4 2	29 2 41		SEPT. .	28 6 23	27 20 3
	OCT. .	28 16 46	28 20 22		OCT. .	26 19 12	26 6 1
	NOV. .	27 5 30	27 13 20		NOV. .	26 7 56	25 18 44
	DEC. .	26 18 14	27 4 41		DEC. .	24 20 40	24 10 19
	○	{ 10 12 36	10 4 40			24 9 24	24 4 17
1609.	JAN. .	{ 25 6 59	25 17 56	1612.	JAN. .	22 22 9	22 23 28
A.	FEB. .	23 19 48	24 4 59	E.D.	FEB. .	21 10 53	21 18 14
10 16 2	MAR. .	25 8 27	25 14 9	10 9 29	MAR. .	21 23 37	22 11 10
	APRIL	23 21 11	23 22 3		APRIL	20 12 21	21 1 23
	MAY .	23 9 55	23 5 30		○	{ 5 6 43	4 23 51
	JUNE .	21 22 39	21 13 35		MAY .	{ 20 1 5	20 12 41
	○	{ 6 17 1	7 1 33		JUNE .	18 13 49	18 21 40
	JULY .	{ 21 11 23	20 23 18		JULY .	18 2 33	18 5 15
	AUG. .	20 0 7	19 11 34		AUG. .	16 15 17	16 12 36
	SEPT. .	18 12 51	18 2 40		SEPT. .	15 4 1	14 20 40
	OCT. .	18 1 35	17 20 15		OCT. .	{ 14 16 45	14 6 17
	NOV. .	16 14 19	16 15 10		○	{ 29 11 7	29 16 40
	DEC. .	{ 16 3 3	16 9 57		NOV. .	13 5 29	12 13 0
	○	{ 30 21 23	30 14 33		DEC. .	12 18 13	12 8 2

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1613. C. March. d. h. m. 10 15 17		d. h. m.	d. h. m.	A.D. 1616. G.F. March. d. h. m. 10 8 44		d. h. m.	d. h. m.
	JAN. .	11. 6 57	11 0 11		JAN. .	8 22 7	8 23 52
	FEB. .	9. 19 41	9 17 46		FEB. .	{ 7 10 51	7 10 20
	MAR. .	11 8 25	11 11 43		○	{ 22 5 13	22 15 24
	APRIL	{ 9 21 9	10 4 48		MAR. .	7 23 35	7 20 33
	○	{ 24 15 31	24 13 44		APRIL	6 12 19	6 6 55
	MAY .	9. 9 53	9 20 1		MAY .	6 1 3	5 18 4
	JUNE .	7 22 37	8 8 55		JUNE .	4 13 47	4 6 35
	JULY .	7 11 21	7 19 37		JULY .	4 2 31	3 20 45
	AUG. .	6 0 5	6 4 46		AUG. .	{ 2 15 15	2 12 14
	SEPT. .	4. 12 49	4 13 19		○	{ 17. 9 37	17 4 6
	OCT. .	{ 4 1 33	3 22 9		SEPT. .	{ 1 3 59	1 4 27
	○	{ 18 19 55	18 17 13		○	{ 30 16 43	30 20 37
	NOV. .	2. 14 17	2 7 55		OCT. .	30 5 27	30 12 2
	DEC. .	{ 2 3 1	1 19 1		NOV. .	23 18 11	29 2 14
		{ 31 15 45	31 7 34		DEC. .	23 6 55	23 15 0
1614. B. 10 21 6	JAN. .	30 4 30	29 21 35	1617. E. 10 14 33	JAN. .	26 19 40	27 2 20
	FEB. .	23 17 14	23 12 51		○	{ 10 14 2	10 15 10
	MAR. .	30 5 58	30 4 57		FEB. .	{ 23 8 24	25 12 19
	○	{ 14 0 20	14 6 33		MAR. .	26 21 8	26 21 17
	APRIL	{ 23 18 42	23 21 14		APRIL	25 9 52	25 5 50
	MAY .	23 7 26	23 12 53		MAY .	24 22 36	24 14 50
	JUNE .	26 20 10	27 3 17		JUNE .	23 11 20	23 1 15
	JULY .	26 8 54	26 16 3		JULY .	23 0 4	22 13 47
	AUG. .	24 21 38	25 3 21		○	{ 6 18 26	6 20 59
	SEPT. .	23. 10 22	23 13 47		AUG. .	{ 21. 12 43	21 4 39
	○	{ 8 4 44	7 17 54		SEPT. .	20 1 32	19 21 30
	OCT. .	{ 22 23 6	22 23 53		OCT. .	19. 14 16	19 15 22
	NOV. .	21 11 50	21 10 22		NOV. .	18 3 0	18 9 4
	DEC. .	21 0 34	20 21 13		DEC. .	17 15 44	18 1 29
1615. A. 11 2 55	JAN. .	19 13 19	19 8 33	1618. D. 10 20 22	JAN. .	{ 16. 4 29	16 15 53
	FEB. .	18 2 3	17 20 29		○	{ 30 22 51	30 16 44
	MAR. .	19 14 47	19 9 12		FEB. .	14 17 13	15 3 57
	APRIL	18. 3 31	17 22 52		MAR. .	16 5 57	16 13 53
	MAY .	17 16 15	17 13 30		APRIL	14 18 41	14 22 10
	JUNE .	16 4 59	16 4 47		MAY .	14 7 25	14 5 33
	JULY .	15 17 43	15 20 8		JUNE .	12 20 9	12 13 3
	AUG. .	14 6 27	14 10 53		JULY .	12 8 53	11 21 44
	SEPT. .	12. 19 11	13 0 42		AUG. .	10. 21 37	10 8 39
	OCT. .	12 7 55	12 13 32		SEPT. .	9 10 21	8 22 24
	NOV. .	10 20 39	11 1 33		OCT. .	8. 23 5	8 14 56
	DEC. .	10. 9 23	10 12 53		NOV. .	7. 11 49	7 9 30
					DEC. .	7 0 33	7 4 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1619. c. March. d. h. m. 11 2 10		d. h. m.	d. h. m.	A.D. 1622. F. March. d. h. m. 10 19 37		d. h. m.	d. h. m.
	JAN. .	5 13 18	5 22 57		JAN. .	{ 2 4 27 81 17 11	1 20 3 81 12 50
	FEB. .	4 2 2	4 14 58		FEB. .	...	...
	MAR. .	5 14 45	6 4 6		MAR. .	{ 2 5 55 81 18 39	2 6 30 81 23 57
	APRIL .	4 3 29	4 14 31		APRIL .	80 7 23	80 16 5
	MAY .	3 16 13	3 22 41		MAY .	29 20 7	80 6 10
	JUNE .	{ 2 4 57 16 23 19	2 5 38 17 2 22		JUNE .	28 8 51	28 18 0
	O				JULY .	27 21 35	28 3 59
	JULY .	{ 1 17 41 81 6 25	1 12 21 80 20 1		AUG. .	26 10 19	26 12 56
	AUG. .	29 19 9	29 5 40		SEPT. .	24 23 3	24 21 45
	SEPT. .	28 7 53	27 18 6		OCT. .	24 11 47	24 7 12
	OCT. .	27 20 37	27 9 39		NOV. .	23 0 31	22 17 43
	NOV. .	26 9 21	26 3 49		DEC. .	22 13 15	22 5 31
	O	{ 11 3 43 25 22 5	11 4 37 25 28 21				
	DEC. .			1623. E. 11 1 26	JAN. .	21 1 59	20 18 39
1620. B.A. 10 7 59	JAN. .	21 10 50	24 18 34		FEB. .	19 14 43	19 9 2
	FEB. .	22 23 34	23 11 52		MAR. .	21 3 28	21 0 31
	MAR. .	23 12 18	24 2 17		O	{ 4 21 50 19 16 12	5 6 30 19 16 32
	APRIL .	22 1 2	22 13 33		APRIL .		
	MAY .	21 13 46	21 22 26		MAY .	19 4 56	19 8 23
	O	{ 5 8 8 20 2 30	5 3 10 20 5 39		JUNE .	17 17 40	17 23 34
	JUNE .				JULY .	17 6 24	17 13 16
	JULY .	19 15 14	19 12 23		AUG. .	15 19 8	16 1 30
	AUG. .	18 3 58	17 19 45		SEPT. .	{ 14 7 52 29 2 14	14 12 35 28 13 36
	SEPT. .	16 16 42	16 4 43		O		
	OCT. .	16 5 26	15 16 5		OCT. .	13 20 36	13 23 4
	NOV. .	{ 14 18 10 29 12 32	14 6 18 29 19 19		NOV. .	12 9 20	12 9 31
	O				DEC. .	11 22 4	11 20 12
	DEC. .	14 6 54	13 23 10	1624. D.C. 10 7 15	JAN. .	10 10 48	10 7 14
1621. G. 10 13 48	JAN. .	12 19 38	12 17 48		FEB. .	8 23 32	8 13 41
	FEB. .	11 8 22	11 12 49		MAR. .	{ 9 12 16 24 6 33	9 6 41 24 20 22
	MAR. .	12 21 6	13 6 41		O		
	APRIL .	11 9 50	11 22 13		APRIL .	8 1 0	7 19 33
	MAY .	{ 10 22 34 25 16 56	11 10 55 25 3 42		MAY .	7 13 44	7 9 27
	O				JUNE .	6 2 23	6 0 20
	JUNE .	9 11 18	9 21 0		JULY .	5 15 12	5 13 43
	JULY .	9 0 2	9 5 14		AUG. .	4 3 53	4 6 53
	AUG. .	7 12 46	7 12 43		SEPT. .	{ 2 16 40 17 11 2	2 21 33 16 21 36
	SEPT. .	6 1 30	5 20 28		O		
	OCT. .	5 14 14	5 5 23		OCT. .	{ 2 5 24 81 18 3	2 11 10 81 23 50
	NOV. .	{ 4 2 53 18 21 20	3 16 7 19 4 46		NOV. .	80 6 52	80 11 43
	O				DEC. .	29 19 36	29 22 56
	DEC. .	3 15 42	3 5 0				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1625. B.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1628. F.E.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 10 13 3	JAN. .	23 8 21	28 9 34	March. <i>d. h. m.</i> 10 6 30	○	{ 11 5 9	10 23 26
	FEB. .	26 21 5	26 19 40		JAN. .	{ 25 23 31	26 11 22
	○	{ 18 15 27	14 3 25		FEB. .	24 12 15	25 1 57
	MAR. .	{ 23 9 49	23 5 37		MAR. .	25 0 59	25 13 36
	APRIL	26 22 33	26 16 0		APRIL	23 13 43	23 22 40
	MAY .	26 11 17	26 3 34		MAY .	23 2 27	23 6 1
	JUNE .	25 0 1	24 16 46		JUNE .	21 15 11	21 12 40
	JULY .	24 12 45	24 7 38		○	{ 6 9 33	6 13 7
	AUG. .	23 1 29	22 23 43		JULY .	{ 21 3 55	20 19 44
	○	{ 6 19 51	6 12 4		AUG. .	19 16 39	19 4 19
	SEPT. .	{ 21 14 13	21 16 15		SEPT. .	18 5 23	17 15 21
	OCT. .	21 2 57	21 8 24		OCT. .	17 18 7	17 5 26
	NOV. .	19 15 41	19 23 31		NOV. .	16 6 51	15 22 27
	DEC. .	19 4 25	19 13 11		DEC. .	{ 15 19 35	15 17 30
					○	{ 30 13 57	30 14 31
1626. A.	JAN. .	17 17 10	18 1 16	1629. D.	JAN. .	14 8 20	14 13 4
10 18 52	FEB. .	16 5 54	16 11 47	10 12 19	FEB. .	12 21 4	13 7 26
	MAR. .	17 18 38	17 21 1		MAR. .	14 9 48	14 23 18
	APRIL	16 7 22	16 5 23		APRIL	12 22 32	13 12 5
	MAY .	15 20 6	15 13 54		MAY .	12 11 16	12 22 1
	JUNE .	14 8 50	13 23 20		JUNE .	11 0 0	11 5 53
	JULY .	13 21 34	13 10 33		JULY .	10 12 44	10 12 45
	AUG. .	12 10 18	12 0 21		AUG. .	9 1 28	8 19 46
	SEPT. .	10 23 2	10 16 25		SEPT. .	7 14 12	7 3 56
	OCT. .	10 11 46	10 10 6		OCT. .	7 2 56	6 14 8
	NOV. .	9 0 30	9 4 16		NOV. .	5 15 40	5 2 58
	DEC. .	8 13 14	8 21 39		DEC. .	5 4 24	4 18 34
1627. G.	JAN. .	{ 7 1 58	7 13 13	1630. C.	JAN. .	3 17 8	3 12 22
11 0 41	○	{ 21 20 20	21 12 59	10 18 8	FEB. .	2 5 52	2 7 14
	FEB. .	5 14 42	6 2 27		MAR. .	3 18 36	4 1 41
	MAR. .	7 3 26	7 13 19		APRIL	2 7 20	2 13 23
	APRIL	5 16 10	5 22 9			1 20 4	2 8 29
	MAY .	5 4 54	5 5 44		MAY ○	{ 16 14 26	16 7 4
	JUNE .	3 17 38	3 12 54			{ 31 8 48	31 19 48
	JULY .	{ 3 6 22	2 20 46		JUNE .	29 21 32	30 4 55
	○	{ 18 0 44	18 8 31		JULY .	29 10 16	29 12 46
	AUG. .	{ 1 19 6	1 6 27		AUG. .	27 23 0	27 20 26
		{ 31 7 50	30 18 46		SEPT. .	26 11 44	26 4 52
	SEPT. .	29 20 34	29 10 2		OCT. .	26 0 28	25 14 46
	OCT. .	29 9 18	29 3 51		○	{ 9 13 50	10 0 42
	NOV. .	27 22 2	27 23 4		NOV. .	{ 24 13 12	24 2 36
	DEC. .	27 10 46	27 18 4		DEC. .	24 1 56	23 16 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1631. B. March. d. h. m. 10 23 56		d. h. m.	d. h. m.	A.D. 1634. E. March. d. h. m. 10 17 23		d. h. m.	d. h. m.
	JAN. .	22 14 41	22 8 21		JAN. .	19 5 51	19 8 47
	FEB. .	21 8 25	21 1 27		FEB. .	17 18 35	17 18 57
	MAR. .	22 16 9	22 18 54		○	4 12 57	4 22 57
	APRIL.	21 4 53	21 11 39		MAR. .	19 7 19	19 4 40
	○	5 23 15	5 21 22		APRIL	17 20 3	17 14 29
	MAY .	20 17 37	21 2 46		MAY .	17 8 47	17 1 8
	JUNE .	19 6 21	19 15 46		JUNE .	15 21 31	15 13 18
	JULY .	18 19 5	19 2 45		JULY .	15 10 15	15 3 17
	AUG. .	17 7 49	17 12 20		AUG. .	13 22 59	13 18 55
	SEPT. .	15 20 33	15 21 21		○	28 17 21	28 11 57
	OCT. .	15 9 17	15 6 37		SEPT. .	12 11 43	12 11 32
	○	30 8 39	30 1 32		OCT. .	12 0 27	12 4 15
	NOV. .	13 22 1	13 16 41		NOV. .	10 13 11	10 20 14
	DEC. .	13 10 43	13 3 53		DEC. .	10 1 55	10 10 52
1632. A.G. 10 5 45	JAN. .	11 23 29	11 16 15	1635. D. 10 23 12	JAN. .	8 14 39	8 23 49
	FEB. .	10 12 13	10 5 47		FEB. .	7 3 23	7 11 2
	MAR. .	11 0 57	10 20 27		○	21 21 45	21 22 44
	APRIL.	9 18 41	9 11 58		MAR. .	8 16 7	8 20 43
	○	24 8 8	24 14 23		APRIL	7 4 51	7 5 16
	MAY .	9 2 25	9 3 52		MAY .	6 17 35	6 13 21
	JUNE .	7 15 9	7 19 24		JUNE .	5 6 19	4 22 0
	JULY .	7 3 53	7 9 56		JULY .	4 19 3	4 8 9
	AUG. .	5 16 37	5 23 4		AUG. .	3 7 47	2 20 36
	SEPT. .	4 5 21	4 10 56		○	18 2 9	18 4 37
	OCT. .	3 18 5	3 21 56		SEPT. .	1 20 31	1 11 36
	○	18 12 27	18 1 33		OCT. .	1 9 15	1 4 45
	NOV. .	2 6 49	2 8 34		NOV. .	30 21 59	30 23 4
	DEC. .	1 19 33	1 19 16		DEC. .	29 10 43	29 17 11
		31 8 17	31 6 9			28 23 27	29 9 54
1633. F. 10 11 34	JAN. .	29 21 2	29 17 14	1636. G.B. 10 5 1	JAN. .	27 12 12	28 0 24
	FEB. .	28 9 46	28 4 41		○	11 6 34	11 0 45
	MAR. .	29 22 30	29 16 46		FEB. .	26 0 56	26 12 20
	APRIL	28 11 14	28 5 52		MAR. .	26 13 40	26 21 59
	MAY .	27 23 58	27 20 5		APRIL	25 2 24	25 5 55
	JUNE .	26 12 42	26 11 13		MAY .	24 15 8	24 13 2
	JULY .	26 1 23	26 2 42		JUNE .	23 3 52	22 20 29
	AUG. .	21 14 10	24 17 54		JULY .	22 16 36	22 4 57
	SEPT. .	23 2 54	23 8 18		○	6 10 53	6 17 42
	OCT. .	22 15 33	22 21 43		AUG. .	21 5 20	20 15 52
	NOV. .	21 4 22	21 10 13		SEPT. .	19 18 4	19 5 43
	DEC. .	20 17 6	20 21 49		OCT. .	19 6 48	18 22 30
					NOV. .	17 19 32	17 17 18
					DEC. .	17 8 16	17 12 42

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1637.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1640.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March.	JAN. .	15 21 1	16 7 5	E.D. March.	JAN. .	13 12 11	13 4 24
<i>d. h. m.</i>	FEB. .	14 9 45	14 23 5	<i>d. h. m.</i>	FEB. .	12 0 55	11 20 43
10 10 49	MAR. .	15 22 29	16 12 6	10 4 16	MAR. .	12 13 39	12 13 52
	APRIL	14 11 13	14 22 16		APRIL	11 2 23	11 6 54
	MAY .	13 23 57	14 6 15		MAY .	10 15 7	10 22 49
	JUNE .	12 12 41	12 13 5		JUNE .	9 3 51	9 12 55
	JULY .	12 1 25	11 19 49		JULY .	8 16 35	9 0 59
	AUG. .	10 14 9	10 3 32		AUG. .	7 5 19	7 11 22
	SEPT. .	9 2 53	8 13 20		SEPT. .	5 18 3	5 20 47
	OCT. .	8 15 37	8 1 55		OCT. .	5 6 47	5 6 4
	NOV. .	7 4 21	6 17 36		NOV. .	3 19 31	3 15 53
	DEC. .	{ 6 17 5	6 11 48		DEC. .	3 8 15	3 2 36
	○	{ 21 11 27	21 13 36				
1638.	JAN. .	5 5 49	5 7 18	1641.	JAN. .	{ 1 20 59	1 14 18
G.	FEB. .	3 18 33	4 2 23	C.	FEB. .	{ 31 9 43	31 3 5
10 16 38	MAR. .	5 7 17	5 19 32	10 10 5	MAR. .	...	...
	APRIL	3 20 1	4 9 48		○	{ 1 22 27	1 16 55
	MAY .	3 8 45	3 21 2		APRIL	{ 31 11 11	31 7 45
	JUNE .	{ 1 21 29	2 5 48		○	{ 15 5 33	15 14 21
	○	{ 16 15 51	16 9 42		MAY .	{ 29 23 55	29 23 18
	JULY .	{ 1 10 13	1 13 4		JUNE .	{ 23 1 23	23 6 5
	AUG. .	{ 30 22 57	30 19 58		JULY .	{ 27 14 7	27 20 6
	SEPT. .	29 11 41	29 3 34		AUG. .	{ 26 2 51	26 8 50
	OCT. .	28 0 25	27 12 47		SEPT. .	{ 24 15 35	24 20 29
	NOV. .	27 13 9	27 0 20		○	{ 9 9 57	8 21 16
	DEC. .	{ 10 20 15	11 4 4		OCT. .	{ 24 4 19	24 7 31
	○	{ 25 14 37	25 7 19		NOV. .	{ 22 17 3	22 18 21
					DEC. .	{ 22 5 47	22 5 10
1639.	JAN. .	24 3 22	24 1 41	1642.	JAN. .	20 18 32	20 16 5
F.	FEB. .	22 16 6	22 20 21	B.	FEB. .	19 7 16	19 3 7
10 22 27	MAR. .	24 4 50	24 13 57	10 15 54	MAR. .	20 20 0	20 14 38
	APRIL	22 17 34	23 5 19		○	{ 4 14 22	5 4 4
	MAY .	22 6 18	22 17 59		APRIL	{ 19 8 44	19 2 47
	○	{ 6 0 40	5 15 45		MAY .	{ 18 21 28	18 16 13
	JUNE .	{ 20 19 2	21 4 10		JUNE .	{ 17 10 12	17 6 49
	JULY .	20 7 46	20 12 39		JULY .	{ 16 22 56	16 22 13
	AUG. .	18 20 30	18 20 27		AUG. .	{ 15 11 40	15 13 47
	SEPT. .	17 9 14	17 4 35		SEPT. .	{ 14 0 24	14 4 54
	OCT. .	16 21 53	16 13 50		○	{ 28 18 46	28 5 34
	NOV. .	{ 15 10 42	15 0 45		OCT. .	{ 13 13 8	13 19 9
	○	{ 30 5 4	30 13 3		NOV. .	{ 12 1 52	12 8 21
	DEC. .	14 23 26	14 13 37		DEC. .	{ 11 14 36	11 20 35

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1643. A. March. d. h. m. 10 21 42		d. h. m.	d. h. m.	A.D. 1646. D. March. d. h. m. 10 15 9		d. h. m.	d. h. m.
	JAN. .	10 3 21	10 7 54		JAN. .	{ 6 18 30	7 2 9
	FEB. .	8 16 5	8 18 17		O	{ 21 12 52	21 8 10
	MAR. .	{ 10 4 49	10 3 59		FEB. .	5 7 14	5 19 27
	O	{ 24 28 11	25 10 48		MAR. .	6 19 58	7 9 55
	APRIL	8 17 33	8 13 24		APRIL	5 8 42	5 21 22
	MAY .	8 6 17	7 23 18		MAY .	4 21 26	5 6 16
	JUNE .	6 19 1	6 10 25		JUNE .	3 10 10	3 18 28
	JULY .	6 7 45	5 23 23		JULY .	{ 2 22 54	2 20 6
	AUG. .	4 20 29	4 14 15		O	{ 17 17 16	17 19 39
	SEPT. .	{ 3 9 18	3 6 33		AUG. .	{ 1 11 38	1 8 14
	O	{ 18 3 35	17 20 8		SEPT. .	{ 31 0 22	30 11 57
	OCT. .	2 21 57	2 23 41		OCT. .	29 13 6	28 23 10
	NOV. .	{ 1 10 41	1 16 24		NOV. .	29 1 50	28 13 23
	DEC. .	{ 30 23 25	{ 1 7 59		DEC. .	27 14 34	27 6 23
		30 12 9	30 21 56			27 3 18	27 1 23
1644. G.F. 10 3 31	JAN. .	29 0 53	29 10 0	1647. C. 10 20 58	O	{ 10 21 40	10 23 23
	FEB. .	27 13 37	27 20 17		JAN. .	{ 25 16 8	25 20 54
	MAR. .	28 2 21	28 5 8		FEB. .	24 4 47	24 15 6
	APRIL	26 15 5	26 13 8		MAR. .	25 17 31	26 6 43
	MAY .	26 3 49	25 21 12		APRIL	24 6 15	24 19 57
	JUNE .	24 16 33	24 6 22		MAY .	23 18 59	24 5 20
	JULY .	24 5 17	23 17 32		JUNE .	22 7 43	22 13 15
	AUG. .	22 18 1	22 7 17		JULY .	21 20 27	21 20 16
	SEPT. .	21 6 45	20 23 33		AUG. .	20 9 11	20 3 31
	OCT. .	20 19 29	20 17 33		SEPT. .	18 21 55	18 11 57
	NOV. .	19 8 13	19 12 13		OCT. .	18 10 39	17 22 24
	DEC. .	18 20 57	19 5 57		NOV. .	16 23 23	16 11 21
					DEC. .	16 12 7	16 2 51
1645. E. 10 9 20	JAN. .	17 9 42	{ 17 21 42	1648. B.A. 10 2 47	JAN. .	15 0 52	14 20 24
	O	{ 1 4 4	{ 31 21 16		FEB. .	13 13 36	13 14 54
	FEB. .	{ 15 22 26	16 10 52		MAR. .	14 2 20	14 9 0
	MAR. .	17 11 10	17 21 30		APRIL	12 15 4	13 1 23
	APRIL	15 23 54	16 6 2		MAY .	{ 12 3 43	12 15 23
	MAY .	15 12 33	15 13 19		O	{ 26 22 10	26 14 16
	JUNE .	14 1 22	13 20 17		JUNE .	10 16 32	11 2 52
	JULY .	{ 13 14 6	13 4 4		JULY .	10 5 16	10 12 12
	O	{ 28 8 23	28 15 43		AUG. .	8 13 0	8 20 23
	AUG. .	12 2 50	11 13 43		SEPT. .	7 6 44	7 4 25
	SEPT. .	10 15 34	10 2 7		OCT. .	6 19 23	6 13 13
	OCT. .	10 4 18	9 17 34		NOV. .	{ 5 8 12	4 23 24
	NOV. .	8 17 2	8 11 37		O	{ 20 2 34	20 8 43
	DEC. .	8 5 46	8 7 1		DEC. .	4 20 56	4 11 13

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1649.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1652.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.	JAN. .	3 9 40	3 1 2	D.C.	JAN. .	{ 1 0 50	1 6 49
March.	FEB. .	1 22 24	1 16 25		FEB. .	{ 30 13 34	30 17 35
<i>d. h. m.</i>	MAR. .	3 11 8	3 8 59	March.	○	{ 14 20 40	15 6 21
10 8 35	APRIL	1 23 52	2 1 57	<i>d. h. m.</i>	MAR. .	{ 29 15 2	29 12 39
		{ 1 12 36	1 13 23	10 2 2	APRIL	28 3 46	27 21 57
	MAY ○	{ 16 6 58	16 4 55		MAY .	27 16 30	27 8 9
		{ 31 1 20	31 9 25		JUNE .	26 5 14	25 20 0
	JUNE .	29 14 4	29 22 35		JULY .	25 17 58	25 9 54
	JULY .	29 2 48	29 9 55		AUG. .	24 6 42	24 1 42
	AUG. .	27 15 32	27 19 58		○	{ 8 1 4	7 19 57
	SEPT. .	26 4 16	26 5 29		SEPT. .	{ 22 19 26	22 18 45
	OCT. .	25 17 0	25 15 11		OCT. .	22 8 10	22 12 0
	○	{ 9 11 22	9 9 15		NOV. .	20 20 54	21 4 29
	NOV. .	{ 24 5 44	24 1 33		DEC. .	20 9 38	20 19 28
	DEC. .	23 18 28	23 12 45	1653.	JAN. .	18 22 23	19 8 32
				B.	FEB. .	17 11 7	17 19 37
1650.	JAN. .	22 7 13	22 0 52		○	{ 4 5 29	4 6 12
V.	FEB. .	20 19 57	20 13 54	10 7 51	MAR. .	{ 18 23 51	19 4 57
10 14 24	MAR. .	22 8 41	22 3 58		APRIL	17 12 35	17 13 5
	APRIL	20 21 25	20 18 56		MAY .	17 1 19	16 20 50
	○	{ 5 13 47	5 22 4		JUNE .	15 14 8	15 5 10
	MAY .	{ 20 10 9	20 10 25		JULY .	15 2 47	14 15 8
	JUNE .	18 22 53	19 1 52		AUG. .	{ 13 15 31	13 8 34
	JULY .	18 11 37	18 16 35		○	{ 23 9 53	23 12 23
	AUG. .	17 0 21	17 6 11		SEPT. .	12 4 15	11 18 43
	SEPT. .	15 13 5	15 18 38		OCT. .	11 16 59	11 12 11
	OCT. .	{ 15 1 49	15 6 12		NOV. .	10 5 43	10 6 51
	○	{ 29 20 11	29 9 22		DEC. .	9 18 27	10 1 21
	NOV. .	13 14 33	13 17 19	1654.	JAN. .	8 7 12	8 18 19
	DEC. .	13 3 17	13 4 15	A.	FEB. .	{ 6 19 56	7 8 43
1651.	JAN. .	11 16 2	11 15 5	10 13 39	○	{ 21 14 18	21 8 43
E.	FEB. .	10 4 46	10 1 51		MAR. .	8 8 40	8 20 34
10 20 13	MAR. .	11 17 30	11 12 46		APRIL	6 21 24	7 5 56
	APRIL	10 6 14	10 0 16		MAY .	6 10 8	6 13 37
	MAY .	9 18 58	9 12 48		JUNE .	4 22 52	4 20 30
	JUNE .	8 7 42	8 2 39		JULY .	4 11 36	4 3 40
	JULY .	7 20 26	7 17 41		AUG. .	{ 3 0 20	{ 2 12 15
	AUG. .	6 9 10	6 9 22		○	{ 17 13 42	{ 18 1 0
	SEPT. .	4 21 54	5 1 1		SEPT. .	1 13 4	31 23 15
	OCT. .	4 10 38	4 16 1		OCT. .	{ 1 1 48	30 13 16
	NOV. .	2 23 22	3 6 8			{ 30 14 32	30 6 12
	DEC. .	2 12 6	2 18 58		NOV. .	29 3 16	29 1 12
					DEC. .	28 16 0	28 20 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1655. G. March. d. h. m. 10 19 28	JAN. .	d. h. m. 27 4 44	d. h. m. 27 15 7	A.D. 1658. C. March. d. h. m. 10 12 55	JAN. .	d. h. m. 23 19 54	d. h. m. 23 12 41
	FEB. .	25 17 28	26 7 2		FEB. .	22 8 38	22 4 29
	MAR. .	27 6 12	27 19 54		MAR. .	23 21 22	23 21 6
	APRIL .	25 18 56	26 5 54		APRIL .	22 10 6	22 13 41
	MAY .	25 7 40	25 13 44		MAY .	21 22 50	22 5 25
	JUNE .	23 20 24	23 20 30		JUNE .	20 11 34	20 19 36
	JULY .	23 9 8	23 3 17		JULY .	20 0 18	20 7 58
	AUG. .	21 21 52	21 11 10		AUG. .	18 13 2	18 18 48
	SEPT. .	20 10 36	19 21 8		SEPT. .	17 1 46	17 4 44
	OCT. .	19 23 20	19 9 54		OCT. .	16 14 30	16 14 31
	NOV. .	18 12 4	18 1 39		NOV. .	15 3 14	15 0 42
	DEC. .	18 0 48	17 19 49		DEC. .	14 15 58	14 11 31
1656. F.E. 10 1 17	O	{ 1 19 11	1 22 35	1659. E. 10 18 44	JAN. .	13 4 43	12 23 6
	JAN. .	{ 16 13 38	16 15 12		FEB. .	11 17 27	11 11 26
	FEB. .	15 2 17	15 10 6		MAR. .	13 6 11	13 0 41
	MAR. .	15 15 1	16 3 4		APRIL .	{ 11 18 55	11 14 54
	APRIL .	14 3 45	14 17 10		O	{ 26 13 17	26 22 4
	MAY .	13 16 29	14 4 20		MAY .	11 7 39	11 5 58
	JUNE .	{ 12 5 13	12 13 8		JUNE .	9 20 23	9 21 25
	O	{ 26 23 35	26 16 16		JULY .	9 9 7	9 12 38
	JULY .	11 17 57	11 20 31		AUG. .	7 21 51	8 3 1
	AUG. .	10 6 41	10 3 39		SEPT. .	6 10 35	6 16 18
	SEPT. .	8 19 25	8 11 31		OCT. .	{ 5 23 19	6 4 33
	OCT. .	8 8 9	7 21 1		O	{ 20 17 41	20 5 6
	NOV. .	6 20 53	6 8 46		NOV. .	4 12 3	4 16 6
	DEC. .	{ 6 9 37	5 23 0		DEC. .	4 0 47	4 3 16
	O	{ 21 8 59	21 12 52				
1657. D. 10 7 6	JAN. .	4 22 22	4 15 32	1660. A.G. 10 0 32	JAN. .	2 13 31	2 14 9
	FEB. .	3 11 6	3 9 31		FEB. .	1 2 15	1 0 49
	MAR. .	4 23 50	5 3 43		MAR. .	{ 1 14 59	1 11 23
	APRIL .	3 12 34	3 21 3			{ 31 3 43	30 22 15
	MAY .	3 1 18	3 12 16		O	{ 14 22 5	15 11 33
	JUNE .	{ 1 14 2	2 0 57		APRIL .	{ 29 16 27	29 9 56
	O	{ 16 8 24	15 22 45		MAY .	29 5 11	28 22 53
	JULY .	{ 1 2 46	1 11 19		JUNE .	27 17 55	27 13 16
		{ 30 15 30	30 20 6		JULY .	27 6 39	27 4 44
	AUG. .	29 4 14	29 4 16		AUG. .	25 19 23	25 20 51
	SEPT. .	27 16 58	27 12 49		SEPT. .	24 8 7	24 12 21
	OCT. .	27 5 42	26 22 25		O	{ 9 2 29	8 13 42
	NOV. .	25 13 26	25 9 30		OCT. .	{ 23 20 51	24 3 13
	O	{ 10 12 48	10 21 22		NOV. .	22 9 35	22 16 56
	DEC. .	{ 25 7 10	24 22 17		DEC. .	21 22 19	22 5 28

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1661. F. March. d. h. m. 10 6 21		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1664. C.B. March. d. h. m. 9 23 47		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	20 11 4	20 16 45		JAN. .	18 2 14	18 10 9
	FEB. .	18 23 48	19 2 52		○	{ 1 20 36	1 16 50
	MAR. .	20 12 32	20 12 9		FEB. .	{ 16 14 58	17 3 25
	○	{ 4 6 54	4 18 0		MAR. .	17 3 42	17 17 45
	APRIL	{ 19 1 16	18 21 5		APRIL	15 16 26	16 5 2
	MAY .	18 14 0	18 6 30		MAY .	15 5 10	15 13 46
	JUNE .	17 2 44	16 17 15		JUNE .	13 17 54	13 20 56
	JULY .	16 15 28	16 6 2		JULY .	{ 13 6 38	13 3 36
	AUG. .	15 4 12	14 21 0		○	{ 28 1 0	28 2 15
	SEPT. .	{ 13 16 56	13 13 40		AUG. .	11 19 22	11 10 51
	○	{ 28 11 18	28 4 22		SEPT. .	10 8 6	9 19 46
	OCT. .	13 5 40	13 7 11		OCT. .	9 20 50	9 7 10
	NOV. .	11 18 24	12 0 26		NOV. .	8 9 34	7 21 29
	DEC. .	11 7 8	11 16 27		DEC. .	7 22 18	7 14 33
1662. E. 10 12 10	JAN. .	9 19 53	10 6 37	1665. A. 10 5 36	JAN. .	{ 6 11 3	6 9 26
	FEB. .	8 8 37	8 18 37		○	{ 21 5 25	21 8 21
	MAR. .	9 21 21	10 4 33		FEB. .	4 23 47	5 4 41
	APRIL	8 10 5	8 13 6		MAR. .	6 12 31	6 22 38
	MAY .	7 22 49	7 20 45		APRIL	5 1 15	5 14 9
	JUNE .	6 11 33	6 4 31		MAY .	4 13 59	5 2 43
	JULY .	6 0 17	5 13 26		JUNE .	3 2 43	3 12 36
	AUG. .	4 13 1	4 0 32		JULY .	2 15 27	2 20 37
	SEPT. .	3 1 45	2 14 22		AUG. .	{ 1 4 11	1 3 51
	OCT. .	2 14 29	2 6 53		SEPT. .	{ 30 16 55	30 11 23
	NOV. .	{ 1 3 13	1 1 13		OCT. .	29 5 39	28 20 8
	DEC. .	{ 30 15 57	30 20 14		NOV. .	28 18 23	28 6 49
		30 4 41	30 14 13		DEC. .	27 7 7	26 19 50
					DEC. .	26 19 51	26 11 11
1663. D. 10 17 59	JAN. .	28 17 25	29 6 3	1666. G. 10 11 25	JAN. .	25 8 35	25 4 23
	○	{ 12 11 47	12 5 26		FEB. .	23 21 19	23 22 27
	FEB. .	27 6 9	27 19 7		MAR. .	25 10 3	25 16 11
	MAR. .	28 18 53	29 5 31		APRIL	23 22 47	24 8 23
	APRIL	27 7 37	27 13 43		MAY .	23 11 31	23 23 19
	MAY .	26 20 21	26 20 50		○	{ 7 5 53	6 21 25
	JUNE .	25 9 5	25 3 39		JUNE .	{ 22 0 15	22 9 52
	JULY .	24 21 49	24 11 23		JULY .	21 12 59	21 19 29
	○	{ 8 16 11	8 22 35		AUG. .	20 1 43	20 4 2
	AUG. .	{ 23 10 33	22 21 6		SEPT. .	18 14 27	18 12 30
	SEPT. .	21 23 17	21 9 33		OCT. .	18 3 11	17 21 42
	OCT. .	21 12 1	21 1 15		NOV. .	16 15 55	16 8 7
	NOV. .	20 0 45	19 19 27		○	{ 1 10 17	1 16 56
	DEC. .	19 13 29	19 14 59		DEC. .	{ 16 4 39	15 20 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1667. P. March. <i>d. h. m.</i> 10 17 14		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1670. B. March. <i>d. h. m.</i> 10 10 40		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	14 17 24	14 9 32		JAN. .	11 8 34	11 15 41
	FEB. .	13 6 8	13 0 26		FEB. .	9 21 18	10 2 17
	MAR. .	14 18 52	14 16 26		MAR. .	{ 11 10 2	11 11 45
	APRIL	13 7 36	13 8 54		○	{ 26 4 24	26 13 35
	MAY .	{ 12 20 20	13 1 1		APRIL	9 22 46	9 20 32
	○	{ 27 14 42	27 12 25		MAY .	9 11 30	9 5 22
	JUNE .	11 9 4	11 16 1		JUNE .	8 0 14	7 15 9
	JULY .	10 21 48	11 5 24		JULY .	7 12 58	7 2 46
	AUG. .	9 10 32	9 17 10		AUG. .	6 1 42	5 16 39
	SEPT. .	7 23 16	8 3 43		SEPT. .	{ 4 14 26	4 8 38
	OCT. .	7 12 0	7 13 46		○	{ 19 8 48	19 4 3
	NOV. .	{ 6 0 44	5 23 54		OCT. .	4 3 10	4 2 5
	○	{ 20 19 6	20 17 5		NOV. .	2 15 54	2 19 51
	DEC. .	5 13 28	5 10 30		DEC. .	{ 2 4 38	2 12 43
						{ 31 17 22	...
1668. E.D. 9 23 3	JAN. .	4 2 13	3 21 40	1671. A. 10 16 29	JAN. .	{ ...	1 4 4
	FEB. .	2 14 57	2 9 25		FEB. .	{ 30 6 7	30 17 11
	MAR. .	3 3 41	2 21 56		○	28 18 51	{ 1 4 3
	APRIL	1 16 25	1 11 22		MAR. .	{ 15 13 13	{ 15 13 33
	MAY ○	{ 1 5 9	1 1 46		○	{ 30 7 35	{ 30 13 4
		{ 15 23 31	16 5 40		APRIL	28 20 19	28 20 51
		{ 30 17 53	30 16 56		MAY .	28 9 3	28 4 15
	JUNE .	29 6 37	29 8 19		JUNE .	26 21 47	26 12 21
	JULY .	28 19 21	28 23 19		JULY .	26 10 31	25 22 12
	AUG. .	27 8 5	27 13 24		AUG. .	24 23 15	24 10 40
	SEPT. .	25 20 49	26 2 27		○	{ 8 17 37	8 20 6
	OCT. .	25 9 33	25 14 36		SEPT. .	{ 28 11 59	23 1 59
	○	{ 9 3 55	8 17 19		OCT. .	23 0 43	22 19 43
	NOV. .	{ 23 22 17	24 2 8		NOV. .	21 13 27	21 14 43
	DEC. .	23 11 1	23 13 14		DEC. .	21 2 11	21 9 30
1669. C. 10 4 52	JAN. .	21 23 45	21 23 56	1672. G.F. 9 22 18	JAN. .	19 14 55	20 2 36
	FEB. .	20 12 29	20 10 20		FEB. .	18 3 39	18 17 3
	MAR. .	22 1 13	21 20 44		○	{ 3 22 1	3 16 33
	APRIL	20 13 57	20 7 39		MAR. .	{ 13 16 23	19 4 39
	MAY .	20 2 41	19 19 40		APRIL	17 5 7	17 13 46
	JUNE .	18 15 25	18 9 11		MAY .	16 17 51	16 21 12
	JULY .	18 4 9	18 0 10		JUNE .	15 6 35	15 3 56
	AUG. .	16 16 53	16 16 6		JULY .	14 19 19	14 11 2
	SEPT. .	15 5 37	15 8 14		AUG. .	{ 18 8 3	12 19 40
	OCT. .	14 13 21	14 23 50		○	{ 28 2 25	28 8 21
	NOV. .	18 7 5	13 14 26		SEPT. .	11 20 47	11 6 46
	DEC. .	12 19 49	13 8 45		OCT. .	11 9 31	10 20 56
					NOV. .	9 22 15	9 14 2
					DEC. .	9 10 59	9 9 8

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1673. E. March. d. h. m. 10 4 7	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. 7 28 44 6 12 28 8 1 12 6 13 56 6 2 40 4 15 24 4 4 8 2 16 52 { 1 5 36 30 18 20 30 7 4 28 19 48 28 8 32	d. h. m. 8 4 44 6 23 3 8 14 51 7 3 34 6 13 25 4 21 12 4 3 58 { 2 10 52 31 18 57 30 5 8 29 18 3 28 9 49 28 3 53	A.D. 1676. B.A. March. d. h. m. 9 21 33	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. 5 14 54 4 3 38 4 16 22 3 5 6 2 17 50 { 1 6 34 30 19 18 30 8 2 28 20 46 27 9 30 26 22 14 25 10 58 24 28 42	d. h. m. 5 6 55 3 20 56 4 12 9 3 4 11 2 20 23 { 1 11 58 1 2 17 30 15 0 29 2 21 27 12 50 26 23 6 25 9 31 24 20 27
1674. D. 10 9 56	JAN. . FEB. . MAR. . APRIL MAY . JUNE . O JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	{ 12 2 54 26 21 16 25 10 0 26 22 44 25 11 23 25 0 12 23 12 56 { 8 7 18 23 1 40 21 14 24 20 3 8 19 15 52 18 4 36 17 17 20	12 7 28 26 23 1 25 17 39 27 10 23 26 0 23 25 11 32 28 20 24 7 22 53 23 3 59 21 11 25 19 19 37 19 5 24 17 17 18 17 7 27	1677. G. 10 3 22	JAN. . FEB. . MAR. . APRIL O MAY . JUNE . JULY . AUG. . SEPT. . OCT. . O NOV. . DEC. .	23 12 26 22 1 10 23 13 54 22 2 38 { 6 21 0 21 15 22 20 4 6 19 16 50 18 5 34 16 18 18 { 16 7 2 31 1 24 14 19 46 14 8 30	23 7 47 21 19 40 23 8 19 21 21 56 7 5 40 21 12 35 20 3 51 19 19 12 18 9 59 16 23 49 16 12 42 30 13 4 15 0 45 14 12 11
1675. C. 10 15 45	JAN. . FEB. . MAR. . APRIL MAY . JUNE . O JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . O	{ 1 11 43 16 6 5 14 18 49 16 7 33 14 20 17 14 9 1 12 21 45 27 16 7 12 10 29 10 23 13 9 11 57 9 0 41 7 13 25 { 7 2 9 21 20 31	1 21 35 15 23 41 14 17 14 16 11 4 15 3 59 14 19 4 13 7 50 27 5 47 12 18 26 11 3 35 9 12 13 8 21 11 7 7 6 6 18 18 22 5 42	1678. F. 10 9 11	JAN. . FEB. . MAR. . APRIL O MAY . JUNE . JULY . AUG. . SEPT. . OCT. . O NOV. . DEC. .	12 21 15 11 9 59 12 22 43 { 11 11 27 26 5 49 11 0 11 9 12 55 9 1 39 7 14 23 6 3 7 { 5 15 51 20 10 13 4 4 35 3 17 19	12 23 5 11 9 29 12 19 36 11 5 53 26 18 57 10 17 1 9 5 35 8 19 48 7 11 24 6 3 42 5 19 56 19 21 58 4 11 23 4 1 34

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1679. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1682. A.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 2 6 4 31 18 48	2 14 18 ...		JAN. .	28 9 58	28 18 5
	FEB. .	...	1 1 31		○	{ 12 4 20	12 1 26
March. <i>d. h. m.</i> 10 15 0	MAR. .	{ 2 7 32 31 20 16	2 11 22 31 20 12	March. <i>d. h. m.</i> 10 8 26	FEB. .	{ 26 22 42	27 11 12
	○	{ 15 14 38	16 1 10		MAR. .	28 11 26	29 1 24
	APRIL	{ 30 9 0	30 4 40		APRIL	27 0 10	27 12 33
	MAY .	29 21 44	29 13 40		MAY .	26 12 54	26 21 12
	JUNE .	28 10 28	28 0 9		JUNE .	25 1 38	25 4 21
	JULY .	27 23 12	27 12 49		JULY .	24 14 22	24 11 8
	AUG. .	26 11 56	26 3 51		○	{ 8 8 44	8 8 56
	SEPT. .	25 0 40	24 20 51		AUG. .	{ 23 3 6	22 18 36
	○	{ 9 19 2	9 12 45		SEPT. .	21 15 50	21 3 44
	OCT. .	{ 24 13 24	24 14 49		OCT. .	21 4 34	20 15 19
	NOV. .	23 2 8	23 8 33		NOV. .	19 17 18	19 5 42
	DEC. .	22 14 52	23 0 55		DEC. .	19 6 2	18 22 42
1680. D.C.	JAN. .	21 3 36	21 15 11	1683. G.	JAN. .	17 18 46	17 17 22
9 20 49	FEB. .	19 16 20	20 3 5		○	{ 1 13 8	1 17 8
	MAR. .	20 5 4	20 12 50	10 14 15	FEB. .	{ 16 7 30	16 12 18
	APRIL	18 17 48	18 20 58		MAR. .	17 20 14	18 6 0
	MAY .	18 6 32	18 4 17		APRIL	16 8 58	16 21 20
	JUNE .	16 19 16	16 11 47		MAY .	15 21 42	16 9 50
	JULY .	16 8 0	15 20 34		JUNE .	14 10 26	14 19 47
	AUG. .	14 20 44	14 7 39		JULY .	{ 13 23 10	14 3 59
	SEPT. .	13 9 23	12 21 35		○	{ 28 17 32	28 9 27
	OCT. .	12 22 12	12 14 21		AUG. .	12 11 54	12 11 31
	NOV. .	11 10 56	11 9 2		SEPT. .	11 0 38	10 19 23
	DEC. .	10 23 40	11 4 16		OCT. .	10 13 22	10 4 48
1681. B.	JAN. .	9 12 25	9 22 26	1684. F.R.	JAN. .	7 3 35	6 19 31
10 2 38	FEB. .	{ 8 1 9	8 14 17		FEB. .	5 16 19	5 12 18
	○	{ 22 19 31	22 13 32	9 20 4	MAR. .	6 5 3	6 5 53
	MAR. .	9 13 58	10 3 13		APRIL	4 17 47	4 23 12
	APRIL	8 2 37	8 13 24		MAY .	4 6 31	4 15 11
	MAY .	7 15 21	7 21 28		JUNE .	{ 2 19 15	3 5 9
	JUNE .	6 4 5	6 4 19		○	{ 17 13 37	17 4 34
	JULY .	5 16 49	5 11 5		JULY .	{ 2 7 59	2 16 53
	AUG. .	{ 4 5 33	3 18 50			{ 31 20 43	{ 1 2 50
	○	{ 18 23 55	19 5 43		AUG. .	30 9 27	{ 30 11 50
	SEPT. .	2 18 17	2 4 40		SEPT. .	23 22 11	23 20 45
	OCT. .	{ 2 7 1	1 17 20		OCT. .	23 10 55	23 6 20
		{ 31 19 45	31 9 6		NOV. .	26 23 39	26 16 57
	NOV. .	30 8 29	30 3 23		○	{ 11 18 1	12 1 7
	DEC. .	29 21 13	29 22 57		DEC. .	{ 26 12 23	26 4 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1685.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1688.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				A.G.			
March.	JAN. .	25 1 8	24 17 59	March.	JAN. .	22 16 17	23 0 28
<i>d. h. m.</i>	FEB. .	23 13 52	23 8 22	<i>d. h. m.</i>	FEB. .	21 5 1	21 10 51
10 1 53	MAR. .	25 2 36	24 23 45	9 19 19	MAR. .	21 17 45	21 19 56
	APRIL	23 15 20	23 15 43		O	{ 5 12 7	5 20 38
	MAY .	23 4 4	23 7 35		APRIL	{ 20 6 29	20 4 17
	O	{ 6 22 26	6 19 51		MAY .	19 19 13	19 12 42
	JUNE .	{ 21 16 48	21 22 35		JUNE .	18 7 57	17 22 10
	JULY .	21 5 32	21 12 16		JULY .	17 20 41	17 9 35
	AUG. .	19 18 16	20 0 30		AUG. .	16 9 25	15 23 28
	SEPT. .	18 7 0	18 11 36		SEPT. .	{ 14 22 9	14 15 42
	OCT. .	17 19 44	17 22 11		O	{ 29 16 31	29 12 13
	NOV. .	16 8 23	16 8 41		OCT. .	14 10 53	14 9 41
	O	{ 1 2 50	1 1 1		NOV. .	12 23 37	13 3 46
	DEC. .	{ 15 21 12	15 19 27		DEC. .	12 12 21	12 21 7
1686.	JAN. .	14 9 56	14 6 29	1689.	JAN. .	11 1 5	11 12 35
C.	FEB. .	12 22 40	12 17 53	F.	FEB. .	9 13 49	10 1 40
10 7 42	MAR. .	14 11 24	14 5 49	10 1 8	MAR. .	{ 11 2 34	11 12 20
	APRIL	13 0 8	12 18 38		O	{ 25 20 56	25 20 43
	MAY .	{ 12 12 52	12 8 31		APRIL	9 15 18	9 21 2
	O	{ 27 7 14	27 13 7		MAY .	9 4 2	9 4 29
	JUNE .	11 1 36	10 23 24		JUNE .	7 16 46	7 11 37
	JULY .	10 14 20	10 14 48		JULY .	7 5 30	6 19 34
	AUG. .	9 3 4	9 6 5		AUG. .	5 18 14	5 5 22
	SEPT. .	7 15 48	7 20 42		SEPT. .	{ 4 6 58	8 17 53
	OCT. .	7 4 32	7 10 21		O	{ 19 1 20	19 4 14
	NOV. .	{ 5 17 16	5 23 5		OCT. .	3 19 42	3 9 23
	O	{ 20 11 38	20 1 23		NOV. .	2 8 26	2 3 28
	DEC. .	5 6 0	5 10 53		DEC. .	{ 1 21 10	1 22 40
						{ 31 9 54	31 17 37
1687.	JAN. .	3 18 45	3 22 11	1690.	JAN. .	29 22 33	30 10 46
B.	FEB. .	2 7 29	2 8 43	E.	FEB. .	28 11 22	{ 1 1 9
10 13 31	MAR. .	3 20 13	3 18 44	10 6 57	O	{ 15 5 44	{ 15 0 16
	APRIL	2 8 57	2 4 35		MAR. .	{ 30 0 7	30 12 34
	MAY .	{ 1 21 41	1 14 57		APRIL	28 12 51	28 21 29
		{ 31 10 25	31 2 31		MAY .	28 1 35	28 4 43
	JUNE .	29 23 9	29 15 47		JUNE .	26 14 19	26 11 22
	JULY .	29 11 53	29 6 45		JULY .	26 3 3	25 18 30
	AUG. .	28 0 37	27 22 52		AUG. .	24 15 47	24 3 14
	SEPT. .	26 13 21	26 15 34		O	{ 8 10 9	8 15 50
	OCT. .	26 2 5	26 7 46		SEPT. .	{ 23 4 31	22 14 23
	NOV. .	24 14 49	24 22 53		OCT. .	22 17 15	22 4 47
	DEC. .	24 3 33	24 12 31		NOV. .	21 5 59	20 22 0
					DEC. .	20 13 43	20 17 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1691. D. March. d. h. m. 10 12 46		d. h. m.	d. h. m.	A.D. 1694. G.		d. h. m.	d. h. m.
	JAN. .	19 7 27	19 12 37		○	{ 1 4 15	1 13 57
	FEB. .	17 20 11	18 6 50		JAN. .	{ 15 22 37	15 15 33
	MAR. .	19 8 55	19 22 29	March. d. h. m. 10 6 12	FEB. .	14 11 21	14 5 5
	APRIL	17 21 30	18 11 3		MAR. .	16 0 5	15 19 43
	MAY .	17 10 23	17 20 48		APRIL	14 12 49	14 11 10
	JUNE .	15 23 7	16 4 35		MAY .	14 1 33	14 2 59
	JULY .	15 11 51	15 11 27		JUNE .	{ 12 14 17	12 13 27
	AUG. .	14 0 35	13 18 33		○	{ 27 8 39	27 3 1
	SEPT. .	12 13 19	12 2 52		JULY .	12 3 1	12 8 56
	OCT. .	12 2 3	11 13 16		AUG. .	10 15 45	10 22 5
	NOV. .	10 14 47	10 2 18		SEPT. .	9 4 29	9 9 58
	DEC. .	10 3 31	9 18 2		OCT. .	8 17 13	8 21 2
					NOV. .	7 5 57	7 7 45
1692. C.B.	JAN. .	{ 8 16 16	8 11 55		DEC. .	6 18 41	6 18 30
	○	{ 23 10 33	23 16 21	1695. F.	JAN. .	5 7 26	5 5 24
9 18 35	FEB. .	7 5 0	7 6 45		FEB. .	3 20 10	3 16 27
	MAR. .	7 17 44	8 1 4	10 12 1	MAR. .	5 8 54	5 3 49
	APRIL	6 6 28	6 17 34		APRIL	3 21 33	3 15 51
	MAY .	5 19 12	6 7 29		MAY .	{ 3 10 22	3 4 56
	JUNE .	4 7 56	4 18 33		○	{ 18 4 44	18 13 9
	JULY .	{ 3 20 40	4 3 41		JUNE .	1 23 6	1 19 8
	○	{ 18 15 2	18 5 34		JULY .	{ 1 11 50	1 10 18
	AUG. .	{ 2 9 24	2 11 33		AUG. .	{ 31 0 34	31 1 48
		{ 31 22 8	31 19 19		SEPT. .	29 13 13	29 17 2
	SEPT. .	30 10 52	30 3 51		OCT. .	28 2 2	28 7 30
	OCT. .	29 23 36	29 13 56		NOV. .	{ 11 9 8	10 21 11
	NOV. .	28 12 20	28 1 55		DEC. .	{ 26 3 30	26 9 30
	DEC. .	28 1 4	27 15 56			25 16 14	25 21 8
	○	{ 11 19 27	12 6 15	1696. E.D.	JAN. .	24 4 59	24 7 57
1693. A.	JAN. .	{ 26 13 49	26 7 47		FEB. .	22 17 43	22 18 2
10 0 24	FEB. .	25 2 33	25 0 51	9 17 50	MAR. .	23 6 27	23 3 40
	MAR. .	26 15 17	26 18 12		APRIL	21 19 11	21 13 25
	APRIL	25 4 1	25 10 49		○	{ 6 13 33	7 2 11
	MAY .	24 16 45	25 1 49		MAY .	{ 21 7 55	21 0 4
	JUNE .	23 5 29	23 14 42		JUNE .	19 20 39	19 12 17
	○	{ 7 23 51	7 12 52		JULY .	19 9 23	19 2 21
	JULY .	{ 22 18 13	23 1 33		AUG. .	17 22 7	17 18 6
	AUG. .	21 6 57	21 11 12		SEPT. .	16 10 51	16 10 50
	SEPT. .	19 19 41	19 20 19		OCT. .	{ 15 23 35	16 3 33
	OCT. .	19 8 25	19 5 42		○	{ 30 17 57	30 6 24
	NOV. .	17 21 9	17 15 53		NOV. .	14 12 19	14 19 33
	DEC. .	17 9 53	17 3 10		DEC. .	14 1 3	14 10 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1697. C. March. d. h. m. 9 23 39	JAN. .	d. h. m. 12 13 48	d. h. m. 12 23 6	A.D. 1700. G.F. March. d. h. m. 9 17 5	JAN. .	d. h. m. 10 4 57	d. h. m. 10 6 53
	FEB. .	11 2 32	11 10 11		FEB. .	{ 8 17 41	9 1 52
	MAR. .	12 15 15	12 19 42		○	{ 23 12 3	23 9 54
	APRIL	{ 11 3 59	11 4 7		MAR. .	9 6 25	9 18 49
	○	{ 25 22 21	26 7 57		APRIL	7 19 9	8 8 52
	MAY .	10 16 43	10 12 10		MAY .	7 7 53	7 19 55
	JUNE .	9 5 27	8 20 49		JUNE .	5 20 37	6 4 34
	JULY .	8 18 11	8 7 3		JULY .	5 9 21	5 11 47
	AUG. .	7 6 55	6 19 38		AUG. .	{ 3 22 5	3 18 44
	SEPT. .	5 19 39	5 10 50		○	{ 18 16 27	18 15 40
	OCT. .	{ 5 8 23	5 4 9		SEPT. .	2 10 49	2 2 27
	○	{ 20 2 45	19 21 14		OCT. .	{ 1 23 33	1 11 51
	NOV. .	3 21 7	3 22 34		NOV. .	31 12 17	30 23 37
	DEC. .	3 9 51	3 16 42		DEC. .	30 1 1	29 14 1
1698. B. 10 5 28	JAN. .	{ 1 22 36	2 9 21	1701. E. 9 22 54	JAN. .	28 2 30	28 1 14
	FEB. .	{ 31 11 20	31 23 41		○	{ 11 20 52	12 1 51
	MAR. .	... ..	...		FEB. .	{ 26 15 14	26 19 48
	APRIL	{ 2 0 4	2 11 27		MAR. .	28 3 58	28 13 12
	MAY .	{ 31 12 48	31 20 55		APRIL	26 16 42	27 4 23
	JUNE .	30 1 32	30 4 43		MAY .	26 5 26	26 16 53
	JULY .	29 14 16	29 11 46		JUNE .	24 18 10	25 2 58
	AUG. .	28 3 0	27 19 5		JULY .	24 6 54	24 11 25
	SEPT. .	27 15 44	27 3 43		○	{ 8 1 16	7 16 11
	OCT. .	26 4 23	25 14 55		AUG. .	{ 22 19 33	22 19 17
	NOV. .	24 17 12	24 4 59		SEPT. .	21 8 22	21 3 32
	DEC. .	24 5 56	23 21 58		OCT. .	20 21 6	20 12 56
1699. A. 10 11 17	JAN. .	22 18 40	22 16 54		NOV. .	19 9 50	19 0 1
	FEB. .	22 7 24	22 12 18		DEC. .	18 22 34	18 12 59
	MAR. .	20 20 9	21 6 34	1702. D. 10 4 43	JAN. .	17 11 18	17 4 9
	APRIL	19 8 53	19 22 22		FEB. .	16 0 2	15 20 6
	MAY .	○ { 6 3 15	5 21 31		MAR. .	17 12 46	17 13 11
	JUNE .	{ 20 21 37	21 11 11		APRIL	16 1 30	16 6 6
	JULY .	19 10 21	19 21 8		MAY .	15 14 14	15 21 53
	AUG. .	18 23 5	19 5 1		JUNE .	14 2 58	14 11 52
	SEPT. .	17 11 49	17 11 47		JULY .	13 15 42	13 23 52
	OCT. .	17 0 33	16 18 32		AUG. .	12 4 26	12 10 15
	NOV. .	{ 15 13 17	15 2 24		SEPT. .	10 17 10	10 19 43
	DEC. .	{ 30 7 39	30 12 57		OCT. .	10 5 54	10 5 6
	JAN. .	14 2 1	13 12 23		NOV. .	8 18 38	8 15 2
	FEB. .	13 14 45	13 1 12		DEC. .	{ 8 7 22	8 1 50
	MAR. .	12 3 29	11 17 4		○	{ 23 1 44	23 9 16
	APRIL	11 16 13	11 11 24				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1703. C. March. d. h. m. 10 10 32		d. h. m.	d. h. m.	A.D. 1706. F. March. d. h. m. 10 8 58		d. h. m.	d. h. m.
	JAN. .	6 20 7	6 13 36		JAN. .	3 11 16	3 21 14
	FEB. .	5 8 51	5 2 21		FEB. .	2 0 0	2 9 10
	MAR. .	6 21 35	6 16 10		MAR. .	3 12 45	3 19 19
	APRIL	5 10 19	5 6 57		APRIL	{ 2 1 29	2 4 1
	MAY .	4 23 3	4 22 26		○	{ 16 19 51	17 3 36
	JUNE .	{ 3 11 47	3 14 3		MAY .	{ 1 14 13	1 11 56
	○	{ 18 6 9	18 3 17			{ 31 2 57	30 19 59
	JULY .	3 0 31	3 5 8		JUNE .	29 15 41	29 5 12
	AUG. .	{ 1 13 15	1 19 7		JULY .	29 4 25	28 16 30
		{ 31 1 59	31 7 52		AUG. .	27 17 9	27 6 25
	SEPT. .	29 14 43	29 19 35		SEPT. .	26 5 53	25 22 55
	OCT. .	29 3 27	29 6 41		○	{ 11 0 15	10 20 42
	NOV. .	27 16 11	27 17 31		OCT. .	{ 25 18 37	25 17 8
	○	{ 12 10 33	12 8 57		NOV. .	24 7 21	24 11 46
	DEC. .	{ 27 4 55	27 4 25		DEC. .	23 20 5	24 5 26
1704. B.A. 9 16 21	JAN. .	25 17 40	25 15 18	1707. E. 10 9 47	JAN. .	22 8 49	22 21 2
	FEB. .	24 6 24	24 2 16		FEB. .	20 21 33	21 10 2
	MAR. .	24 19 8	24 13 36		MAR. .	22 10 18	22 20 30
	APRIL	23 7 52	23 1 49		○	{ 6 4 40	6 3 49
	MAY .	22 20 36	22 15 14		APRIL	{ 20 23 2	21 4 52
	○	{ 6 14 58	6 20 34		MAY .	20 11 46	20 12 2
	JUNE .	{ 21 9 20	21 5 52		JUNE .	19 0 30	18 19 1
	JULY .	20 22 4	20 21 19		JULY .	18 13 14	18 2 51
	AUG. .	19 10 48	19 12 56		AUG. .	17 1 58	16 12 40
	SEPT. .	17 23 32	18 4 6		SEPT. .	{ 15 14 42	15 1 17
	OCT. .	17 12 16	17 18 24		○	{ 30 9 4	30 12 22
	NOV. .	{ 16 1 0	16 7 39		OCT. .	15 3 26	14 16 58
	○	{ 30 19 22	30 9 34		NOV. .	13 16 10	13 11 10
	DEC. .	15 13 44	15 19 52		DEC. .	18 4 54	18 6 33
1705. G. 9 22 10	JAN. .	14 2 28	14 7 6	1708. D.C. 9 15 36	JAN. .	11 17 38	12 1 42
	FEB. .	12 15 12	12 17 24		FEB. .	10 6 22	10 18 49
	MAR. .	14 3 56	14 2 58		MAR. .	{ 10 19 6	11 9 6
	APRIL	12 16 40	12 12 19		○	{ 25 13 23	25 7 53
	MAY .	12 5 24	11 22 10		APRIL	9 7 50	9 20 19
	JUNE .	10 18 8	10 9 20		MAY .	8 20 34	9 5 2
	JULY .	10 6 52	9 22 23		JUNE .	7 9 18	7 12 11
	AUG. .	8 19 36	8 13 23		JULY .	6 22 2	6 13 43
	SEPT. .	7 8 20	7 5 53		AUG. .	5 10 46	5 2 2
	OCT. .	6 21 4	6 23 2		SEPT. .	{ 3 23 30	3 10 55
	NOV. .	5 9 48	5 15 47		○	{ 13 17 52	13 23 24
	DEC. .	4 22 32	5 7 22		OCT. .	3 12 14	2 22 20
					NOV. .	2 0 53	1 12 46
					DEC. .	{ 1 18 42	1 6 1
						{ 31 2 26	31 1 5

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1709. B. March. d. h. m. 9 21 25		d. h. m.	d. h. m.	A.D. 1712. F.E.		d. h. m.	d. h. m.
	JAN. .	29 15 11	29 20 27		○	{ 12 11 59	12 22 10
	FEB. .	28 3 55	28 14 29	March. d. h. m. 9 14 52	JAN. .	{ 27 6 21	27 0 8
	MAR. .	29 16 39	30 5 57		FEB. .	25 19 5	25 18 9
	APRIL	28 5 23	28 18 24		MAR. .	26 7 49	26 8 9
	MAY .	27 18 7	28 4 8		APRIL	24 20 38	24 18 4
	JUNE .	26 6 51	26 11 58		MAY .	24 9 17	24 9 32
	JULY .	25 19 35	25 19 0		JUNE .	22 22 1	23 0 55
	AUG. .	24 8 19	24 2 21		○	{ 7 16 23	7 10 26
	SEPT. .	22 21 3	22 10 56		JULY .	{ 22 10 45	22 15 88
	OCT. .	22 9 47	21 21 35		AUG. .	20 23 29	21 5 15
	NOV. .	20 22 31	20 10 42		SEPT. .	19 12 13	19 17 44
	DEC. .	20 11 15	20 2 20		OCT. .	19 0 57	19 5 22
					NOV. .	17 13 41	17 16 32
1710. A.	JAN. .	19 0 0	18 19 55		DEC. .	17 2 25	17 3 29
	○	{ 2 18 22	3 1 6	1713. D.	JAN. .	15 15 10	15 14 18
10 3 14	FEB. .	{ 17 12 44	17 14 22		FEB. .	14 3 54	14 1 0
	MAR. .	19 1 28	19 8 21	9 20 40	MAR. .	15 16 38	15 11 51
	APRIL	17 14 12	18 0 38		APRIL	14 5 22	13 23 17
	MAY .	17 2 56	17 14 27		MAY .	{ 13 18 6	13 11 49
	JUNE .	15 15 40	16 1 43		○	{ 23 12 28	23 20 85
	JULY .	{ 15 4 24	15 10 59		JUNE .	12 6 50	12 1 41
	○	{ 29 22 46	29 12 19		JULY .	11 19 34	11 16 45
	AUG. .	13 17 8	13 19 12		AUG. .	10 8 18	10 8 80
	SEPT. .	12 5 52	12 3 20		SEPT. .	8 21 2	9 0 14
	OCT. .	11 18 36	11 12 15		OCT. .	8 9 46	8 15 17
	NOV. .	10 7 20	9 22 35		NOV. .	{ 6 22 30	7 5 21
	DEC. .	9 20 4	9 10 37		○	{ 21 16 52	21 5 26
					DEC. .	6 11 14	6 18 16
1711. G.	JAN. .	{ 8 8 48	8 0 25	1714. C.	JAN. .	4 23 58	5 6 8
	○	{ 23 3 10	23 14 51		FEB. .	3 12 42	3 16 44
10 9 3	FEB. .	6 21 32	6 15 50	10 2 29	MAR. .	5 1 26	5 2 27
	MAR. .	8 10 16	8 8 20		APRIL	3 14 10	3 11 35
	APRIL	6 23 0	7 1 13		MAY .	{ 3 2 54	2 20 51
	MAY .	6 11 44	6 17 32		○	{ 17 21 16	18 9 13
	JUNE .	5 0 28	5 8 27		JUNE .	1 15 33	{ 1 7 2
	JULY .	{ 4 13 12	4 21 32		JULY .	{ 1 4 22	{ 30 18 53
	○	{ 19 7 34	18 20 0		AUG. .	29 5 50	29 0 56
	AUG. .	3 1 56	3 8 50		SEPT. .	27 18 34	27 18 5
	SEPT. .	1 14 40	1 18 54		OCT. .	27 7 18	27 11 25
	OCT. .	{ 1 3 24	1 4 30		○	{ 11 1 40	10 14 53
	NOV. .	{ 30 16 8	30 14 19		NOV. .	{ 25 20 2	26 3 53
	DEC. .	28 17 36	28 12 1		DEC. .	25 8 46	25 18 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1715.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1718.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March.	JAN. .	23 21 31	24 7 48	E.	JAN. .	20 12 41	20 14 46
<i>d. h. m.</i>	FEB. .	22 10 15	22 18 44	March.	FEB. .	19 1 25	19 9 33
10 8 18	MAR. .	23 22 59	24 3 54	<i>d. h. m.</i>	○	{ 5 19 47	5 18 15
	APRIL	22 11 43	22 11 55	10 1 44	MAR. .	{ 20 14 9	21 2 19
	○	{ 7 6 5	7 14 45		APRIL	19 2 53	19 16 13
	MAY .	{ 22 0 27	21 19 36		MAY .	18 15 37	19 3 12
	JUNE .	20 13 11	20 3 58		JUNE .	17 4 21	17 11 53
	JULY .	20 1 55	19 14 3		JULY .	16 17 5	16 19 52
	AUG. .	18 14 39	18 2 39		AUG. .	{ 15 5 49	15 2 27
	SEPT. .	17 3 23	16 17 59		○	{ 30 0 11	29 22 33
	OCT. .	{ 16 16 7	16 11 37		SEPT. .	13 18 33	13 10 27
	○	{ 31 10 29	31 5 53		OCT. .	13 7 17	12 20 8
	NOV. .	15 4 51	15 6 23		NOV. .	11 20 1	11 8 3
	DEC. .	14 17 35	15 0 53		DEC. .	11 8 45	10 22 26
1716.	JAN. .	13 6 19	13 17 43	1719.	JAN. .	9 21 29	9 15 1
A.G.	FEB. .	11 19 3	12 8 3	D.	FEB. .	{ 8 10 13	8 8 59
9 14 7	MAR. .	12 7 47	12 19 37		○	{ 23 4 35	23 10 24
	APRIL	10 20 31	11 4 49	10 7 33	MAR. .	9 22 57	10 3 10
	MAY .	10 9 15	10 12 21		APRIL	8 11 41	8 20 16
	JUNE .	8 21 59	8 19 11		MAY .	8 0 25	8 11 13
	JULY .	8 10 43	8 2 25		JUNE .	6 13 9	6 23 49
	AUG. .	6 23 27	6 11 7		JULY .	6 1 53	6 10 7
	SEPT. .	5 12 11	4 22 18		AUG. .	{ 4 14 37	4 18 53
	OCT. .	5 0 55	4 12 33		○	{ 19 8 59	18 23 3
	NOV. .	3 13 39	3 5 41		SEPT. .	3 3 21	3 3 9
	DEC. .	3 2 23	3 0 47		OCT. .	2 16 5	{ 2 11 49
1717.	JAN. .	{ 1 15 8	1 20 20		NOV. .	{ 1 4 49	{ 31 21 32
F.	FEB. .	{ 31 3 52	31 14 33		DEC. .	{ 30 17 33	30 8 46
		...	...			30 6 17	29 21 37
		{ 1 16 36	2 6 17	1720.	JAN. .	28 19 2	28 12 4
9 19 56	MAR. ○	{ 16 10 53	16 5 23	C.B.	FEB. .	27 7 46	27 3 50
		{ 31 5 20	31 13 56	9 13 22	MAR. .	27 20 30	27 20 21
	APRIL	29 13 4	30 4 44		APRIL	26 9 14	26 12 52
	MAY .	29 6 48	29 12 29		MAY .	25 21 58	26 4 29
	JUNE .	27 19 32	27 19 13		JUNE .	24 10 42	24 18 34
	JULY .	27 8 16	27 2 4		JULY .	23 23 26	24 6 53
	AUG. .	25 21 0	25 10 8		AUG. .	22 12 10	22 17 44
	○	{ 9 15 22	9 20 17		SEPT. .	21 0 54	21 8 44
	SEPT. .	{ 24 9 44	23 20 13		OCT. .	20 13 38	20 13 37
	OCT. .	23 22 23	23 9 12		NOV. .	19 2 22	18 23 53
	NOV. .	22 11 12	22 1 8		DEC. .	18 15 6	18 10 46
	DEC. .	21 23 56	21 19 23				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1721.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1724.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	○	{ 2 9 28	2 17 24	E.D.	JAN. .	14 19 0	15 5 55
March.	JAN. .	{ 17 3 51	16 22 21	March.	FEB. .	13 7 44	13 17 46
<i>d. h. m.</i>	FEB. .	15 16 35	15 10 40	<i>d. h. m.</i>	MAR. .	13 20 29	14 3 38
9 19 11	MAR. .	17 5 19	16 23 52		APRIL	{ 12 9 13	12 11 58
	APRIL	15 18 3	15 14 3	○	○	{ 27 3 35	27 10 24
	MAY .	15 6 47	15 5 4		MAY .	11 21 57	11 19 31
	JUNE .	{ 13 19 31	13 20 29		JUNE .	10 10 41	10 3 16
	○	{ 28 13 53	28 10 43		JULY .	9 23 25	9 12 17
	JULY .	13 8 15	13 11 41		AUG. .	8 12 9	7 23 32
	AUG. .	11 20 59	12 2 5		SEPT. .	7 0 53	6 13 34
	SEPT. .	10 9 43	10 15 24		OCT. .	{ 6 13 37	6 6 17
	OCT. .	9 22 27	10 3 42	○	○	{ 21 7 59	21 5 15
	NOV. .	8 11 11	8 15 19		NOV. .	5 2 21	5 0 49
	DEC. .	{ 7 23 55	8 2 31		DEC. .	4 15 5	4 19 48
	○	{ 22 18 17	22 16 55				
1722.	JAN. .	6 12 39	6 13 23	1725.	JAN. .	3 3 50	3 13 44
G.	FEB. .	5 1 23	4 23 59	C.	FEB. .	1 16 34	2 5 25
10 1 0	MAR. .	6 14 7	6 10 29	9 18 26	MAR. .	3 5 17	3 18 15
	APRIL	5 2 51	4 21 16		APRIL	{ 1 18 1	2 4 28
	MAY .	4 15 35	4 8 55	○	○	{ 16 12 23	16 10 43
	JUNE .	{ 3 4 19	2 21 53		MAY .	{ 1 6 45	1 12 35
	○	{ 17 22 41	18 3 57		JUNE .	{ 30 19 29	30 19 33
	JULY .	2 17 3	2 12 20		JULY .	29 8 13	29 2 22
	AUG. .	{ 1 5 47	1 3 52		AUG. .	28 20 57	23 10 12
	○	{ 30 18 31	30 19 53		SEPT. .	27 9 41	26 20 5
	SEPT. .	29 7 15	29 11 37		○	{ 25 22 25	25 8 50
	OCT. .	28 19 59	29 2 31		OCT. .	{ 10 16 47	10 20 35
	NOV. .	27 8 43	27 16 16		NOV. .	{ 25 11 9	25 0 41
	○	{ 12 3 5	11 17 47		DEC. .	23 23 53	23 19 2
	DEC. .	{ 26 21 27	27 4 44			23 12 37	23 14 36
1723.	JAN. .	25 10 12	25 15 57	1726.	JAN. .	22 1 22	22 9 42
F.	FEB. .	23 22 56	24 1 57	B.	FEB. .	20 14 6	21 2 46
10 6 49	MAR. .	25 11 40	25 11 5	10 0 15	MAR. .	22 2 50	22 16 53
	APRIL	24 0 24	23 19 57	○	○	{ 5 21 12	5 15 23
	MAY .	23 13 8	23 5 20		APRIL	{ 20 15 34	21 3 56
	JUNE .	22 1 52	21 16 10		MAY .	20 4 18	20 12 32
	JULY .	21 14 36	21 5 3		JUNE .	18 17 2	18 19 37
	AUG. .	20 3 20	19 20 10		JULY .	18 5 46	18 2 18
	SEPT. .	18 16 4	18 12 59		AUG. .	16 18 30	16 9 41
	OCT. .	18 4 43	18 6 36		SEPT. .	{ 15 7 14	14 18 46
	NOV. .	16 17 32	16 23 54	○	○	{ 30 1 36	30 7 7
	DEC. .	16 6 16	16 15 52		OCT. .	14 19 58	14 6 22
					NOV. .	13 8 42	12 20 55
					DEC. .	12 21 26	12 14 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1727.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1730.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March.	JAN. .	11 10 11	11 9 3	D.	JAN. .	{ 8 1 20	7 20 55
<i>d. h. m.</i>	FEB. .	9 22 55	10 4 12	March.	○	{ 22 19 42	23 6 18
10 6 4	MAR. .	11 11 39	11 21 59	<i>d. h. m.</i>	FEB. .	6 14 4	6 8 38
	APRIL	10 0 23	10 13 16	9 23 30	MAR. .	8 2 48	7 21 6
	MAY .	9 13 7	10 1 38		APRIL	6 15 32	6 10 28
	JUNE .	8 1 51	8 11 23		MAY .	6 4 16	6 0 50
	JULY .	7 14 35	7 19 21		JUNE .	4 17 0	4 15 59
	AUG. .	6 3 19	6 2 36		JULY .	{ 4 5 44	4 7 22
	SEPT. .	4 16 8	4 10 15		○	{ 19 0 6	18 17 53
	OCT. .	4 4 47	3 19 11		AUG. .	2 18 28	2 22 22
	NOV. .	2 17 31	2 6 2		SEPT. .	{ 1 7 12	1 12 29
	DEC. .	{ 2 6 15	1 19 12		○	{ 30 19 56	{ 1 1 35
		{ 31 18 59	31 10 40		OCT. .	30 8 40	{ 30 13 47
1728.	JAN. .	30 7 43	30 3 53	1731.	JAN. .	26 22 53	26 23 7
G.F.	○	{ 14 2 5	14 9 44	C.	FEB. .	25 11 37	25 9 27
9 11 53	FEB. .	{ 28 20 27	28 21 53	10 5 19	MAR. .	27 0 21	26 19 45
	MAR. .	29 9 11	29 15 28		APRIL	25 13 5	25 6 36
	APRIL	27 21 55	28 7 31		MAY .	25 1 49	24 18 37
	MAY .	27 10 39	27 21 17		○	{ 8 20 11	9 3 56
	JUNE .	25 23 23	26 8 43		JUNE .	{ 23 14 33	23 8 12
	JULY .	25 12 7	25 18 18		JULY .	23 8 17	22 23 16
	○	{ 9 6 29	8 19 11		AUG. .	21 16 1	21 15 17
	AUG. .	{ 24 0 51	24 2 54		SEPT. .	20 4 45	20 7 29
	SEPT. .	22 13 35	22 11 28		OCT. .	19 17 29	19 23 10
	OCT. .	22 2 19	21 20 43		NOV. .	18 6 13	18 13 47
	NOV. .	20 15 3	20 7 21		○	{ 8 0 35	2 13 45
	DEC. .	20 3 47	19 19 22		DEC. .	{ 17 18 57	18 3 4
1729.	JAN. .	18 16 32	18 8 54	1732.	JAN. .	16 7 42	16 14 55
E.	○	{ 2 10 54	2 23 19	B.A.	FEB. .	14 20 26	15 1 24
9 17 42	FEB. .	{ 17 5 16	16 23 43	9 11 8	MAR. .	15 9 10	15 10 45
	MAR. .	18 18 0	18 15 44		APRIL	13 21 54	13 19 24
	APRIL	17 6 44	17 8 6		MAY .	{ 13 10 38	13 4 12
	MAY .	16 19 28	17 0 8		○	{ 28 5 0	28 16 20
	JUNE .	15 8 12	15 14 52		JUNE .	11 23 22	11 14 1
	JULY .	{ 14 20 56	15 4 22		JULY .	11 12 6	11 1 43
	○	{ 29 15 18	29 3 14		AUG. .	10 0 50	9 15 45
	AUG. .	13 9 40	13 16 6		SEPT. .	8 13 34	8 7 57
	SEPT. .	11 22 24	12 2 43		OCT. .	8 2 13	8 1 29
	OCT. .	11 11 8	11 12 51		NOV. .	{ 6 15 2	6 19 19
	NOV. .	9 23 52	9 23 5		○	{ 21 9 24	20 23 39
	DEC. .	9 12 36	9 9 44		DEC. .	6 8 46	6 12 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1733. G. March. d. h. m. 9 16 57		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1736. D.C. March. d. h. m. 9 10 23		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	4 16 30	5 3 28		JAN. .	{ 2 7 40 31 20 24	2 3 28 31 22 34
	FEB. .	3 5 14	3 16 24		FEB. .	...	...
	MAR. .	4 17 58	5 3 6		MAR. O	{ 1 9 8 16 3 30 30 21 52	1 17 3 16 2 28 31 9 36
	APRIL	3 6 42	3 11 57		APRIL	29 10 36	29 23 23
	MAY .	{ 2 19 26 17 13 43	2 19 37 17 21 25		MAY .	28 23 20	29 10 21
	JUNE .	{ 1 8 10 30 20 54	1 2 59 30 11 7		JUNE .	27 12 4	27 19 9
	JULY .	30 9 38	29 21 6		JULY .	27 0 48	27 2 45
	AUG. .	28 22 22	28 9 45		AUG. .	25 13 32	25 10 14
	SEPT. .	27 11 6	27 1 17		O	{ 9 7 54 24 2 16	9 5 32 23 18 36
	OCT. .	26 23 50	26 19 12		SEPT. .	23 15 0	23 4 33
	O	{ 10 18 12 25 12 34	10 14 38 25 14 18		NOV. .	22 3 44	21 16 36
	NOV. .	25 1 18	25 9 2		DEC. .	21 16 28	21 6 53
	DEC. .						
1734. F. 9 22 46	JAN. .	23 14 3	24 2 1	1737. B. 9 16 11	JAN. .	20 5 13	19 23 9
	FEB. .	22 2 47	22 16 16		FEB. .	18 17 57	18 16 41
	MAR. .	23 15 31	24 3 40		O	{ 5 12 19 20 6 41	5 18 50 20 10 24
	APRIL	22 4 15	22 12 36		APRIL	18 19 25	19 3 11
	MAY .	21 16 59	21 19 55		MAY .	18 8 9	18 18 5
	JUNE .	20 5 43	20 2 37		JUNE .	16 20 53	17 6 43
	JULY .	19 18 27	19 9 47		JULY .	16 9 37	16 17 17
	AUG. .	18 7 11	17 18 34		AUG. .	{ 14 22 21 29 16 43	15 2 26 29 6 2
	SEPT. .	16 19 55	16 5 53		O	29 16 43	29 6 2
	OCT. .	16 8 39	15 20 16		SEPT. .	13 11 5	13 11 10
	NOV. .	14 21 23	14 13 34		OCT. .	12 23 49	12 20 15
	DEC. .	14 10 7	14 8 45		NOV. .	11 12 33	11 6 17
					DEC. .	11 1 17	10 17 36
1735. E. 10 4 35	JAN. .	12 22 51	13 4 17	1738. A. 9 22 0	JAN. .	9 14 1	9 6 16
	FEB. .	11 11 36	11 22 29		FEB. .	8 2 45	7 20 16
	MAR. .	{ 13 0 20 27 18 42	13 14 5 27 13 8		MAR. .	9 15 30	9 11 28
	APRIL	11 13 4	12 2 33		APRIL	8 4 14	8 3 25
	MAY .	11 1 48	11 12 13		MAY .	7 16 58	7 19 32
	JUNE .	9 14 32	9 19 55		JUNE .	6 5 42	6 11 1
	JULY .	9 3 16	9 2 40		JULY .	5 18 26	6 1 16
	AUG. .	7 16 0	7 9 39		AUG. .	4 7 10	4 13 58
	SEPT. .	{ 6 4 44 20 23 6	5 17 53 21 3 43		SEPT. .	2 19 54	3 1 19
	O	20 23 6	21 3 43		OCT. .	{ 2 8 33 31 21 22	2 11 53 31 22 16
	OCT. .	5 17 28	5 4 16		NOV. .	30 10 6	30 8 49
	NOV. .	4 6 12	3 17 23		DEC. .	29 22 50	29 19 42
	DEC. .	3 18 56	3 9 19				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1739. G. March. d. h. m. 10 3 49	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	{ 13 17 12 { 28 11 34 27 0 18 28 18 2 27 1 46 26 14 30 25 3 14 { 9 21 36 { 21 15 58 23 4 42 21 17 26 21 6 10 19 18 54 19 7 38	d. h. m. d. h. m. 14 1 23 28 7 2 26 18 51 28 7 27 26 21 1 26 11 38 25 2 55 9 18 9 24 18 16 23 9 5 21 22 59 21 11 55 20 0 1 19 11 27	A.D. 1742. G. March. d. h. m. 9 21 16	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	25 2 44 23 15 28 25 4 12 23 16 56 { 8 11 18 { 23 5 40 21 18 24 21 7 8 19 19 52 18 8 36 17 21 20 { 1 15 42 { 16 10 4 15 22 48	d. h. m. d. h. m. 25 14 29 24 2 13 25 11 47 23 19 46 8 17 5 23 8 1 21 10 31 20 19 25 19 6 40 17 20 50 17 13 47 1 13 54 16 8 36 16 8 51
1740. F.E. 9 9 33	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . ○	{ 8 2 0 { 17 20 22 16 9 6 16 21 51 15 10 35 14 23 19 { 13 12 3 { 28 6 25 13 0 47 11 13 31 10 2 15 9 14 59 8 3 43 { 7 16 27 { 22 10 49	8 0 53 17 22 16 16 8 35 16 18 37 15 4 51 14 15 57 13 4 34 23 11 19 12 18 50 11 10 33 10 2 53 9 19 16 8 10 45 8 0 55 22 2 5	1743. B. 10 8 4	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	14 11 33 18 0 17 14 13 1 { 13 1 45 { 27 20 7 12 14 29 11 3 13 10 15 57 9 4 41 7 17 25 { 7 6 9 { 22 0 31 5 13 53 5 7 37	14 21 56 13 13 36 15 2 19 13 12 13 27 17 33 12 20 12 11 3 0 10 9 47 8 17 40 7 3 41 6 16 35 22 4 57 5 8 33 5 3 1
1741. D. 9 15 27	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	6 5 11 4 17 55 6 6 40 4 19 24 4 8 8 2 20 52 { 2 9 36 { 31 22 20 30 11 4 28 23 43 28 12 32 27 1 16 26 14 0	6 13 35 5 0 40 6 10 23 4 19 8 4 3 29 2 12 29 1 23 2 31 11 51 30 3 4 23 20 13 23 14 13 27 8 3 27 0 23	1744. A.G. 9 8 53	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . ○ OCT. . NOV. . DEC. .	3 20 21 2 9 5 2 21 49 1 10 33 16 4 55 80 23 17 30 12 1 29 0 45 23 13 29 27 2 13 25 14 57 { 10 9 19 { 23 3 41 23 16 25 23 5 9	3 22 34 2 17 35 3 10 30 2 0 23 15 22 47 { 1 11 25 { 30 19 56 29 3 1 23 9 51 26 17 26 25 2 46 10 14 55 24 14 34 23 5 8 22 22 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1745. F. March. <i>d. h. m.</i> 9 14 42		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1748. C.B. March. <i>d. h. m.</i> 9 8 9		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	21 17 54	21 16 56		JAN. .	19 9 4	19 5 48
	FEB. .	20 6 38	20 11 45		○	{ 3 3 26	3 14 19
	MAR. .	21 19 22	22 5 18		FEB. .	{ 17 21 48	17 17 4
	APRIL	20 8 6	20 20 25		MAR. .	18 10 32	18 4 57
	MAY .	19 20 50	20 8 45		APRIL	16 23 16	16 17 43
	JUNE .	18 9 34	18 18 34		MAY .	16 12 0	16 7 34
	JULY .	17 22 18	18 2 43		JUNE .	15 0 44	14 22 23
	AUG. .	16 11 2	16 10 19		JULY .	{ 14 13 28	14 13 53
	SEPT. .	14 23 46	14 18 18		○	{ 29 7 50	29 1 25
	OCT. .	14 12 30	14 3 33		AUG. .	18 2 12	18 5 12
	NOV. .	13 1 14	12 14 37		SEPT. .	11 14 56	11 19 51
	DEC. .	12 13 53	12 3 45		OCT. .	11 3 40	11 9 35
					NOV. .	9 16 24	9 22 21
					DEC. .	9 5 8	9 10 15
1746. E. 9 20 31	JAN. .	11 2 43	10 18 58	1749. A. 9 13 57	JAN. .	7 17 53	7 21 25
	FEB. .	{ 9 15 27	9 11 45		FEB. .	6 6 37	6 7 52
	○	{ 24 9 49	24 18 16		MAR. .	7 19 21	7 17 47
	MAR. .	11 4 11	11 5 16		APRIL	6 8 5	6 8 33
	APRIL	9 16 55	9 22 27		MAY .	5 20 49	5 18 52
	MAY .	9 5 39	9 14 17		JUNE .	{ 4 9 33	4 1 27
	JUNE .	7 18 23	8 4 5		○	{ 19 3 55	19 11 15
	JULY .	7 7 7	7 15 44		JULY .	3 22 17	3 14 47
	AUG. .	{ 5 19 51	6 1 40		○	{ 2 11 1	2 5 52
	○	{ 20 14 13	20 2 12		AUG. .	{ 31 23 45	31 22 11
	SEPT. .	4 8 35	4 10 45		SEPT. .	30 12 29	30 14 53
	OCT. .	3 21 19	3 19 47		OCT. .	30 1 18	30 7 9
	NOV. .	2 10 3	2 5 28		NOV. .	28 18 57	28 22 13
	DEC. .	{ 1 22 47	1 16 12		○	{ 18 8 19	12 22 10
		{ 31 11 31	31 4 8		DEC. .	{ 28 2 41	28 11 50
1747. D. 10 2 20	JAN. .	30 0 15	29 17 18	1750. G. 9 19 46	JAN. .	26 15 25	26 23 42
	○	{ 13 18 37	14 7 40		FEB. .	25 4 9	25 9 56
	FEB. .	{ 23 12 59	23 7 39		MAR. .	26 16 53	26 18 53
	MAR. .	30 1 43	29 22 59		APRIL	25 5 37	25 3 7
	APRIL	28 14 27	28 14 51		MAY .	24 18 21	24 11 29
	MAY .	28 3 11	28 6 33		○	{ 8 12 43	8 23 16
	JUNE .	26 15 55	26 21 36		JUNE .	{ 23 7 5	22 21 0
	JULY .	26 4 39	26 11 14		JULY .	22 19 49	22 3 33
	○	{ 9 23 1	9 10 33		AUG. .	21 8 33	20 22 37
	AUG. .	{ 24 17 23	24 23 47		SEPT. .	19 21 17	19 13 1
	SEPT. .	23 6 7	23 10 33		OCT. .	19 10 1	19 3 56
	OCT. .	22 18 51	22 21 13		NOV. .	17 22 45	13 3 17
	NOV. .	21 7 35	21 7 54		○	{ 2 17 7	2 8 24
	DEC. .	20 20 19	20 18 41		DEC. .	{ 17 11 29	17 20 37

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1751. F. March. <i>d. h. m.</i> 10 1 35		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1754. B. March. <i>d. h. m.</i> 9 19 2		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 0 14	16 11 59		JAN. .	12 15 24	12 11 30
	FEB. .	14 12 58	15 0 53		FEB. .	11 4 8	11 6 16
	MAR. .	16 1 42	16 11 21		MAR. .	{ 12 16 52	13 0 26
	APRIL	14 14 26	14 19 53		○	{ 27 11 14	27 10 34
	MAY .	{ 14 3 10	14 3 12		APRIL	11 5 36	11 16 45
	○	{ 28 21 32	29 4 2		MAY .	10 18 20	11 6 27
	JUNE .	12 15 54	12 10 21		JUNE .	9 7 4	9 17 28
	JULY .	12 4 38	11 18 21		JULY .	8 19 48	9 2 27
	AUG. .	10 17 22	10 4 19		AUG. .	7 8 32	7 10 20
	SEPT. .	9 6 6	8 17 2		SEPT. .	{ 5 21 16	5 18 12
	OCT. .	8 18 50	8 8 44		○	{ 20 15 38	20 12 39
	NOV. .	{ 7 7 34	7 2 55		OCT. .	5 10 0	5 2 54
	○	{ 22 1 56	21 22 29		NOV. .	3 22 44	3 13 7
	DEC. .	6 20 18	6 22 17		DEC. .	3 11 23	3 1 15
1752. E.D. 9 7 24	JAN. .	5 9 3	5 17 11	1755. A.	JAN. .	{ 2 0 12	1 15 22
	FEB. .	3 21 47	4 10 11		FEB. .	{ 31 12 56	31 7 13
	MAR. .	4 10 31	5 0 20		...	...	...
	APRIL	2 23 15	3 11 32		...	2 1 40	2 0 14
	MAY .	2 11 59	2 20 17	10 0 50	MAR. ○	{ 16 20 2	17 3 7
	JUNE .	{ 1 0 43	1 3 25			{ 31 14 24	31 17 28
	JULY .	{ 30 13 27	30 10 2		APRIL	30 3 8	30 9 53
	AUG. .	30 2 11	29 17 16		MAY .	29 15 52	30 0 47
	SEPT. .	28 14 55	28 2 10		JUNE .	28 4 36	28 13 34
	OCT. .	27 3 39	26 13 38		JULY .	27 17 20	28 0 29
	NOV. .	26 16 28	26 4 10		AUG. .	26 6 4	26 10 6
	DEC. .	25 5 7	24 21 33		○	{ 10 0 23	9 13 9
		24 17 51	24 16 44		SEPT. .	{ 24 18 43	24 19 18
1753. C. 9 13 13	JAN. .	23 6 35	23 12 11	1756. G.F.	JAN. .	20 21 45	20 14 52
	FEB. .	21 19 19	22 6 14		FEB. .	19 10 29	19 4 23
	MAR. .	23 8 3	23 21 39	9 6 39	MAR. .	19 23 13	19 18 56
	○	{ 7 2 25	6 20 46		APRIL	18 11 57	18 10 20
	APRIL	{ 21 20 47	22 10 0		MAY .	18 0 41	18 2 6
	MAY .	21 9 31	21 19 35		JUNE .	16 13 25	16 17 30
	JUNE .	19 22 15	20 3 17		JULY .	16 2 9	16 7 56
	JULY .	19 10 59	19 10 10		AUG. .	14 14 53	14 21 5
	AUG. .	17 23 43	17 17 22		SEPT. .	13 3 37	13 9 1
	SEPT. .	16 12 27	16 1 51		○	{ 12 16 21	12 20 9
	○	{ 1 6 49	1 11 15		NOV. .	11 5 5	11 6 58
	OCT. .	{ 16 1 11	15 12 27		DEC. .	10 17 49	10 17 45
	NOV. .	14 13 55	14 1 40				
	DEC. .	14 2 39	13 17 34				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1757. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1760. B.A. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 9 12 28	JAN. .	{ 9 6 34	9 4 39	9 5 55	JAN. .	6 21 44	7 8 49
	○	{ 24 0 56	24 9 27		FEB. .	5 10 28	5 22 59
	FEB. .	7 19 18	7 15 39		MAR. .	5 23 12	6 10 32
	MAR. .	9 8 2	9 2 57		APRIL	4 11 56	4 19 48
	APRIL	7 20 46	7 14 57		MAY .	{ 4 0 40	4 3 28
	MAY .	7 9 30	7 3 57		○	{ 18 19 2	18 23 41
	JUNE .	5 22 14	5 18 11		JUNE .	2 13 24	2 10 28
	JULY .	{ 5 10 58	5 9 21		JULY .	{ 2 2 8	1 17 49
	○	{ 20 5 20	20 1 40		AUG. .	30 3 36	29 13 58
	AUG. .	3 23 42	4 0 56		SEPT. .	28 16 20	28 4 17
	SEPT. .	2 12 26	2 16 13		OCT. .	23 5 4	27 21 26
	OCT. .	{ 2 1 10	2 6 43		○	{ 11 23 26	11 22 40
	NOV. .	{ 31 13 54	31 20 15		NOV. .	{ 26 17 48	26 16 30
	DEC. .	30 2 38	30 8 47		DEC. .	26 6 32	26 11 54
		29 15 22	29 20 24				
1758. D.	○	{ 13 9 44	13 8 49	1761. G.	JAN. .	24 19 16	25 6 2
9 18 17	JAN. .	{ 28 4 6	28 7 8	9 11 43	FEB. .	23 8 0	23 21 38
	FEB. .	26 16 50	26 17 5		MAR. .	24 20 44	25 10 13
	MAR. .	28 5 34	28 2 37		APRIL	23 9 28	23 19 59
	APRIL	26 18 18	26 12 18		○	{ 8 3 50	8 0 23
	MAY .	26 7 2	25 22 57		MAY .	{ 22 22 12	23 3 43
	JUNE .	24 19 46	24 11 12		JUNE .	21 10 56	21 10 26
	○	{ 9 14 8	9 18 42		JULY .	20 23 40	20 17 15
	JULY .	{ 24 8 30	24 1 25		AUG. .	19 12 24	19 1 14
	AUG. .	22 21 14	22 17 18		SEPT. .	18 1 8	17 11 25
	SEPT. .	21 9 58	21 10 8		OCT. .	17 13 52	17 0 29
	OCT. .	20 22 42	21 3 0		○	{ 1 8 14	1 13 24
	NOV. .	19 11 26	19 19 2		NOV. .	{ 16 2 36	15 16 32
	DEC. .	19 0 10	19 9 35		DEC. .	15 15 20	15 10 59
1759. C.	○	{ 2 13 32	2 10 22	1762. F.	JAN. .	14 4 5	14 6 29
10 0 6	JAN. .	{ 17 12 55	17 22 22	9 17 32	FEB. .	12 16 49	13 1 21
	FEB. .	16 1 39	16 9 18		MAR. .	14 5 33	14 18 6
	MAR. .	17 14 23	17 18 41		APRIL	{ 12 18 17	13 7 55
	APRIL	16 3 7	16 2 57		○	{ 27 12 39	27 6 5
	MAY .	15 15 51	15 10 56		MAY .	12 7 1	12 18 46
	JUNE .	14 4 35	13 19 37		JUNE .	10 19 45	11 3 17
	JULY .	13 17 19	13 5 57		JULY .	10 8 29	10 10 29
	AUG. .	12 6 3	11 18 43		AUG. .	8 21 18	8 17 30
	SEPT. .	10 18 47	10 10 6		SEPT. .	7 9 57	7 1 21
	OCT. .	10 7 31	10 3 35		OCT. .	{ 6 22 41	6 10 56
	NOV. .	8 20 15	8 22 5		○	{ 21 17 3	21 22 50
	DEC. .	8 8 59	8 16 14		NOV. .	5 11 25	4 22 54
					DEC. .	5 0 9	4 13 30

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1763.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1766.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.	JAN. .	3 12 54	3 6 25	A.	JAN. .	29 16 48	29 14 30
March.	FEB. .	2 1 38	2 0 46	March.	O	{ 13 11 10	13 22 12
<i>d. h. m.</i>	MAR. .	3 14 22	3 19 14	<i>d. h. m.</i>	FEB. .	{ 28 5 32	28 1 23
9 23 21	APRIL	2 3 6	2 12 27	9 16 48	MAR. .	29 18 16	29 12 41
	MAY .	{ 1 15 50	2 3 26		APRIL	28 7 0	28 0 51
		{ 31 4 34	31 15 47		MAY .	27 19 44	27 14 15
	JUNE .	29 17 18	30 1 45		JUNE .	26 8 28	26 4 55
	JULY .	29 6 2	29 10 12		JULY .	25 21 12	25 20 25
	AUG. .	27 18 46	27 18 8		O	{ 9 15 34	9 9 3
	SEPT. .	26 7 30	26 2 31		AUG. .	{ 24 9 56	24 12 6
	OCT. .	25 20 14	25 12 4		SEPT. .	22 22 40	23 3 20
	NOV. .	24 8 58	23 23 17		OCT. .	22 11 24	22 17 40
	DEC. .	23 21 42	23 12 22		NOV. .	21 0 8	21 6 57
1764.	JAN. .	22 10 26	22 3 14	1767.	JAN. .	19 1 36	19 6 19
D.C.	FEB. .	20 28 10	20 19 31	G.	FEB. .	17 14 20	17 16 30
9 5 10	O	{ 6 17 32	7 2 38	9 22 86	MAR. .	19 3 4	19 1 53
	MAR. .	{ 21 11 54	21 12 30		APRIL	17 15 43	17 11 13
	APRIL	20 0 88	20 5 17		MAY .	17 4 32	16 21 2
	MAY .	19 13 22	19 20 57		JUNE .	15 17 16	15 8 14
	JUNE .	13 2 6	18 10 50		JULY .	15 6 0	14 21 24
	JULY .	17 14 50	17 22 45		AUG. .	13 18 44	13 12 32
	AUG. .	{ 16 8 34	16 9 7		SEPT. .	12 7 28	12 5 10
	O	{ 30 21 56	30 9 19		OCT. .	11 20 12	11 22 24
	SEPT. .	14 16 18	14 13 41		NOV. .	10 8 56	10 15 13
	OCT. .	14 5 2	14 4 11		DEC. .	{ 9 21 40	10 6 46
	NOV. .	12 17 46	12 14 14		O	{ 24 16 2	24 6 36
	DEC. .	12 6 30	12 1 5				
1765.	JAN. .	10 19 15	10 12 54	1768.	JAN. .	8 10 25	8 20 35
B.	FEB. .	{ 9 7 59	9 1 33	F.E.	FEB. .	6 28 9	7 8 23
9 10 59	O	{ 24 2 21	24 15 52	9 4 25	MAR. .	7 11 53	7 18 21
	MAR. .	10 20 43	10 15 24		APRIL	6 0 37	6 2 54
	APRIL	9 9 27	9 6 8		MAY .	5 13 21	5 10 44
	MAY .	8 22 11	8 21 33		JUNE .	{ 4 2 5	8 18 45
	JUNE .	7 10 55	7 13 6		O	{ 18 20 27	19 6 11
	JULY .	6 23 39	7 4 10		JULY .	3 14 49	3 4 2
	AUG. .	{ 5 12 23	5 18 9		AUG. .	{ 2 3 33	1 15 29
	O	{ 20 6 45	19 18 2			{ 31 16 17	31 5 37
	SEPT. .	4 1 7	4 6 56		SEPT. .	30 5 1	29 22 18
	OCT. .	3 13 51	3 18 43		OCT. .	29 17 45	29 16 38
	NOV. .	2 2 35	2 5 53		NOV. .	28 6 29	28 11 19
	DEC. .	{ 1 15 19	1 16 49		O	{ 13 0 51	12 17 14
		{ 31 4 3	31 3 40		DEC. .	{ 27 19 13	28 4 56

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1769.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1772.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	26 7 58	26 20 25	A.G.	JAN. .	23 23 8	23 19 28
March.	FEB. .	24 20 42	25 9 13	March.	FEB. .	22 11 52	22 13 50
<i>d. h. m.</i>	MAR. .	26 9 26	26 19 27	<i>d. h. m.</i>	MAR. .	23 0 35	23 7 39
9 10 14	APRIL	24 22 10	25 4 10		○	{ 6 18 57	6 18 32
	MAY .	24 10 54	24 10 45		APRIL	{ 21 13 19	21 23 45
	○	{ 8 5 16	8 10 33		MAY .	21 2 3	21 13 22
	JUNE .	{ 22 23 38	22 17 43		JUNE .	19 14 47	20 0 31
	JULY .	22 12 22	21 23 39		JULY .	19 3 31	19 9 45
	AUG. .	21 1 6	20 11 38		AUG. .	17 16 15	17 18 0
	SEPT. .	19 13 50	19 0 29		SEPT. .	{ 16 4 59	16 2 15
	OCT. .	19 2 34	18 16 23		○	{ 30 23 21	30 19 54
	NOV. .	17 15 18	17 10 44		OCT. .	15 17 43	15 11 19
	○	{ 2 9 40	2 8 25		NOV. .	14 6 27	13 21 48
	DEC. .	{ 17 4 2	17 6 16		DEC. .	13 19 11	13 9 57
1770.	JAN. .	15 16 46	16 1 15	1773.	JAN. .	12 7 56	11 23 49
C.	FEB. .	14 5 30	14 18 12	F.	FEB. .	10 20 40	10 15 13
9 16 3	MAR. .	15 18 14	16 8 13		MAR. .	{ 12 9 24	12 7 40
	APRIL	14 6 58	14 19 15		○	{ 27 3 46	27 11 14
	MAY .	13 19 42	14 3 43		APRIL	10 22 8	11 0 27
	JUNE .	12 8 26	12 10 52		MAY .	10 10 52	10 16 38
	JULY .	11 21 10	11 17 30		JUNE .	8 23 36	9 7 26
	AUG. .	10 9 54	10 0 50		JULY .	8 12 20	8 20 27
	SEPT. .	8 22 38	8 9 53		AUG. .	7 1 4	7 7 44
	OCT. .	8 11 22	7 21 32		SEPT. .	{ 5 13 48	5 17 51
	NOV. .	7 0 6	6 12 12		○	{ 20 8 10	19 20 28
	DEC. .	6 12 50	6 5 35		OCT. .	5 2 32	5 3 33
1771.	JAN. .	5 1 35	5 0 42	1774.	JAN. .	{ 1 16 45	1 11 19
B.	FEB. .	3 14 19	3 19 59	E.	FEB. .	{ 31 5 29	30 23 25
9 21 52	MAR. .	5 3 3	5 13 50		...	...	...
	APRIL	{ 3 15 47	4 5 6		MAR. .	{ 1 18 13	1 12 23
	○	{ 18 10 9	18 4 19		...	{ 31 6 57	31 2 20
	MAY .	3 4 31	3 17 20		APRIL	29 19 41	29 17 11
	JUNE .	1 17 15	2 2 54		MAY .	29 8 25	29 8 37
	JULY .	{ 1 5 59	1 10 40		JUNE .	27 21 9	27 23 59
	...	{ 30 18 43	30 17 45		JULY .	27 9 53	27 14 41
	AUG. .	29 7 27	29 1 12		AUG. .	25 22 37	26 4 18
	SEPT. .	27 20 11	27 9 57		SEPT. .	24 11 21	24 16 51
	○	{ 12 14 33	12 18 56		OCT. .	24 0 5	24 4 33
	OCT. .	{ 27 8 56	26 20 43		NOV. .	22 12 49	22 15 46
	NOV. .	25 21 40	25 10 7		DEC. .	22 1 33	22 2 45
	DEC. .	25 10 24	25 1 51				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1775.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1778.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	20 14 17	20 13 30	G.	JAN. .	17 5 26	17 17 9
March.	○	4 8 39	4 17 19	March.	FEB. .	15 18 10	16 7 16
<i>d. h. m.</i>	FEB. .	19 3 1	19 0 8	<i>d. h. m.</i>	MAR. .	17 6 55	17 18 40
9 21 7	MAR. .	20 15 45	20 10 54	9 14 34	APRIL	15 19 39	16 3 39
	APRIL	19 4 29	18 22 17		MAY .	15 8 23	15 11 5
	MAY .	18 17 13	18 10 47		JUNE .	13 21 7	13 17 53
	JUNE .	17 5 57	17 0 41		JULY .	13 9 51	13 1 9
	JULY .	16 18 41	16 15 49		AUG. .	11 22 35	11 10 1
	○	31 13 3	31 9 14		SEPT. .	10 11 19	9 21 24
	AUG. .	15 7 25	15 7 38		OCT. .	10 0 3	9 11 52
	SEPT. .	13 20 9	13 23 26		NOV. .	8 12 47	8 5 13
	OCT. .	13 8 53	13 14 33		○	23 7 9	23 7 30
	NOV. .	11 21 37	12 4 39		DEC. .	8 1 31	8 0 24
	DEC. .	11 10 21	11 17 34				
1776.	JAN. .	9 23 6	10 5 19	1779.	JAN. .	6 14 15	6 19 55
G.B.	○	24 17 28	24 16 41	F.	FEB. .	5 2 59	5 14 1
9 2 56	FEB. .	8 11 50	8 15 53	9 20 22	MAR. .	6 15 44	7 5 33
	MAR. .	9 0 34	9 1 27		APRIL	5 4 28	5 17 57
	APRIL	7 13 13	7 10 29		MAY .	4 17 12	5 3 34
	MAY .	7 2 2	6 19 41		○	19 11 34	19 7 7
	JUNE .	5 14 46	5 5 55		JUNE .	3 5 56	3 11 11
	JULY .	5 3 30	4 17 55		JULY .	2 13 40	2 17 55
	○	19 21 52	20 4 8		AUG. .	1 7 24	1 0 48
	AUG. .	3 16 14	3 8 5		SEPT. .	30 20 8	30 8 57
	SEPT. .	2 4 53	2 0 11		OCT. .	29 3 52	28 19 20
	OCT. .	1 17 42	1 17 27		○	28 21 36	28 8 32
	NOV. .	31 6 26	31 10 52		NOV. .	12 15 58	12 21 58
	DEC. .	29 19 10	30 3 23		DEC. .	27 10 20	27 0 39
		29 7 54	29 18 14			26 23 4	26 19 2
	○	13 2 16	12 18 41	1780.	JAN. .	25 11 49	25 14 20
1777.	JAN. .	27 20 33	23 7 2	E.D.	FEB. .	24 0 33	24 9 0
A.	FEB. .	26 9 22	26 17 47	9 2 11	MAR. .	24 13 17	25 1 33
9 8 45	MAR. .	27 22 6	23 2 43		APRIL	23 2 1	23 15 13
	APRIL	26 10 50	26 10 43		○	7 20 23	7 13 20
	MAY .	25 23 34	25 18 20		MAY .	22 14 45	23 2 2
	JUNE .	24 12 13	24 2 43		JUNE .	21 3 29	21 10 37
	○	9 6 40	9 15 10		JULY .	20 16 13	20 17 59
	JULY .	24 1 2	23 12 56		AUG. .	19 4 57	19 1 14
	AUG. .	22 13 46	22 1 43		SEPT. .	17 17 41	17 9 24
	SEPT. .	21 2 30	20 17 17		OCT. .	17 6 25	16 19 16
	OCT. .	20 15 14	20 11 5		○	1 0 47	1 6 51
	NOV. .	19 3 53	19 5 57		NOV. .	15 19 9	15 7 23
	DEC. .	18 16 42	19 0 25		DEC. .	15 7 53	14 21 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1781. c. March. d. h. m. 9 8 0		d. h. m.	d. h. m.	A.D. 1784. G.F. March. d. h. m. 9 1 27		d. h. m.	d. h. m.
	JAN. .	13 20 37	13 14 33		JAN. .	11 11 47	11 12 38
	FEB. .	12 9 21	12 8 29		FEB. .	10 0 31	9 23 9
	MAR. .	13 22 5	14 2 33		O	21 18 53	25 5 56
	APRIL	12 10 49	12 19 28		MAR. .	10 13 15	10 9 83
	MAY .	11 23 33	12 10 19		APRIL	9 1 59	8 20 16
	JUNE .	10 12 17	10 22 43		MAY .	8 14 43	8 7 53
	JULY .	10 1 1	10 8 55		JUNE .	7 3 27	6 20 54
	AUG. .	8 13 45	8 17 42		JULY .	6 16 11	6 11 23
	SEPT. .	7 2 29	7 2 3		AUG. .	5 4 55	5 3 1
	OCT. .	6 15 13	6 10 50		O	19 23 17	19 16 46
	NOV. .	5 3 57	4 20 43		SEPT. .	3 17 39	3 19 6
	DEC. .	4 16 41	4 8 3		OCT. .	3 6 23	3 10 54
					NOV. .	1 19 7	2 1 51
1782. B. 9 13 49	JAN. .	3 5 25	2 20 59		DEC. .	1 7 51	1 15 36
	FEB. .	1 13 9	1 11 27	1785. E. 9 7 15		80 20 35	31 4 2
	MAR. .	3 6 54	3 3 11		JAN. .	29 9 19	29 15 6
	O	18 1 16	18 10 51		FEB. .	27 22 4	28 1 0
	APRIL	1 19 33	1 19 37		MAR. .	29 10 48	29 10 2
	MAY .	1 8 22	1 12 1		APRIL	27 23 32	27 18 49
	JUNE .	30 21 6	31 3 31		MAY .	27 12 16	27 4 11
	JULY .	29 9 50	29 17 31		JUNE .	26 1 0	25 15 4
	AUG. .	28 22 34	29 5 43		JULY .	25 13 44	25 4 6
	O	27 11 18	27 16 40		AUG. .	24 2 28	23 19 21
	SEPT. .	11 5 40	10 16 38		SEPT. .	22 15 12	22 12 19
	OCT. .	26 0 2	26 2 46		OCT. .	22 3 56	22 6 8
	NOV. .	25 12 46	25 12 45		NOV. .	20 16 40	20 23 22
	DEC. .	24 1 30	23 23 6		DEC. .	20 5 24	20 15 19
		23 14 14	23 10 3				
1783. A. 9 19 38	JAN. .	22 2 59	21 21 37	1786. D. 9 13 4	O	3 23 46	3 15 4
	FEB. .	20 15 43	20 9 53		JAN. .	18 18 8	19 5 13
	O	7 10 5	7 23 55		FEB. .	17 6 52	17 16 53
	MAR. .	22 4 26	21 23 2		MAR. .	18 19 36	19 2 35
	APRIL	20 17 10	20 13 9		APRIL	17 8 20	17 10 47
	MAY .	20 5 54	20 4 9		MAY .	16 21 4	16 18 16
	JUNE .	18 13 33	18 19 32		JUNE .	15 9 43	15 2 1
	JULY .	18 7 22	18 10 43		O	30 4 10	30 18 8
	AUG. .	16 20 6	17 1 8		JULY .	14 22 32	14 11 7
	O	31 14 28	31 1 37		AUG. .	13 11 16	12 22 31
	SEPT. .	15 8 50	15 14 23		SEPT. .	12 0 0	11 12 46
	OCT. .	14 21 34	15 2 51		OCT. .	11 12 44	11 5 41
	NOV. .	13 10 13	13 14 32		NOV. .	10 1 28	10 0 21
	DEC. .	12 23 2	13 1 45		DEC. .	9 14 12	9 19 21
					O	24 8 34	24 2 4

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1787.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1790.		<i>d. h. m.</i>	<i>d. h. m.</i>
C.				F.			
March.	JAN. .	8 2 57	8 13 12	March.	JAN. .	4 18 7	4 10 10
<i>d. h. m.</i>	FEB. .	6 15 41	7 4 43	<i>d. h. m.</i>	FEB. .	3 6 51	3 3 22
9 18 53	MAR. .	8 4 25	8 17 22	9 12 20	MAR. .	4 19 35	4 21 17
	APRIL	6 17 9	7 3 22		APRIL	{ 3 8 19	3 14 45
	MAY .	6 5 53	6 11 21		O	{ 18 2 41	18 2 23
	JUNE .	{ 4 18 37	4 18 14		MAY .	2 21 3	3 6 37
	O	{ 19 12 59	19 17 1		JUNE .	{ 1 9 47	1 20 14
	JULY .	4 7 21	4 1 5			{ 30 22 31	{ 1 7 34
	AUG. .	2 20 5	{ 2 9 1		JULY .	30 11 15	{ 30 17 7
	SEPT. .	{ 1 8 49	{ 31 19 5		AUG. .	28 23 59	29 1 46
		{ 30 21 33	30 8 5		SEPT. .	27 12 43	27 10 28
	OCT. .	30 10 17	30 0 8		O	{ 12 7 5	12 3 18
	NOV. .	28 23 1	28 18 38		OCT. .	{ 27 1 27	26 19 55
	O	{ 13 17 23	13 17 22		NOV. .	25 14 11	25 6 36
	DEC. .	{ 28 11 45	28 14 13		DEC. .	25 2 55	24 18 42
1788.	JAN. .	27 0 30	27 9 13	1791.	JAN. .	23 15 40	23 8 15
B.A.	FEB. .	25 13 14	26 2 5	E.	FEB. .	22 4 24	21 23 8
9 0 42	MAR. .	26 1 58	26 15 53	9 18 8	MAR. .	23 17 8	23 15 0
	APRIL	24 14 42	25 2 50		O	{ 7 11 30	7 19 15
	MAY .	24 3 26	24 11 17		APRIL	{ 22 5 52	22 7 18
	JUNE .	22 16 10	22 18 19		MAY .	21 13 36	21 23 13
	JULY .	22 4 54	22 1 1		JUNE .	20 7 20	20 14 2
	AUG. .	20 17 33	20 8 31		JULY .	19 20 4	20 3 19
	SEPT. .	19 6 22	18 17 47		AUG. .	18 8 43	18 15 4
	OCT. .	18 19 6	18 5 37		SEPT. .	16 21 32	17 1 44
	NOV. .	17 7 50	16 20 21		O	{ 1 15 54	1 3 55
	DEC. .	16 20 34	16 13 41		OCT. .	{ 16 10 16	16 11 57
1789.	JAN. .	15 9 18	15 8 37	1792.	JAN. .	13 0 28	12 20 9
G.	FEB. .	13 22 2	14 3 39	D.C.	FEB. .	11 13 12	11 7 52
9 6 31	MAR. .	15 10 46	15 21 16	8 23 57	MAR. .	12 1 56	11 20 16
	APRIL	{ 13 23 30	14 12 22		APRIL	10 14 40	10 9 35
	O	{ 28 17 52	28 11 45		MAY .	10 3 24	9 23 56
	MAY .	13 12 14	14 0 32		JUNE .	8 16 8	8 15 3
	JUNE .	12 0 58	12 10 9		JULY .	8 4 52	8 6 27
	JULY .	11 13 42	11 18 8		AUG. .	6 17 36	6 21 23
	AUG. .	10 2 26	10 1 23		SEPT. .	5 6 20	5 11 36
	SEPT. .	8 15 10	8 9 8		OCT. .	4 19 4	5 0 46
	OCT. .	{ 8 3 54	7 18 14		NOV. .	3 7 43	3 13 2
	O	{ 22 22 16	23 2 42		DEC. .	2 20 32	3 0 33
	NOV. .	6 16 33	6 5 16				
	DEC. .	6 5 22	5 18 35				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1793. B.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1796. F.E. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 9 5 46	JAN. .	{ 1 9 17 30 22 1	1 11 43 30 22 18	8 23 13	JAN. .	28 13 11	29 1 25
	FEB. ○	14 16 23	15 1 5		FEB. .	27 1 55	27 15 29
	MAR. .	{ 1 10 45 30 23 29	1 8 32 30 18 46		MAR. .	27 14 39	28 2 42
	APRIL	29 12 13	29 5 44		APRIL	26 3 23	26 11 25
	MAY .	29 0 57	28 17 35		MAY .	25 16 7	25 18 38
	JUNE .	27 13 41	27 7 14		JUNE .	24 4 51	24 1 18
	JULY .	27 2 25	26 22 22		JULY .	23 17 35	23 8 33
	○	{ 10 20 47	10 16 53		AUG. .	22 6 19	21 17 30
	AUG. .	{ 25 15 9	25 14 29		SEPT. .	20 19 3	20 5 2
	SEPT. .	24 3 53	24 6 47		OCT. .	20 7 47	19 19 38
	OCT. .	23 16 37	23 22 30		NOV. .	18 20 31	18 13 7
	NOV. .	22 5 21	22 13 7		○	{ 3 14 53	3 16 25
	DEC. .	21 18 5	22 2 22		DEC. .	{ 18 9 15	18 8 23
1794. A.	JAN. .	20 6 50	20 14 9	1797. D.	JAN. .	16 22 0	17 3 53
9 11 35	○	{ 4 1 12	4 0 32	9 5 1	FEB. .	15 10 44	15 21 55
	FEB. .	{ 18 19 34	19 0 31		MAR. .	16 23 28	17 13 16
	MAR. .	20 8 18	20 9 43		APRIL	15 12 12	16 1 32
	APRIL	18 21 2	18 18 17		MAY .	{ 15 0 56	15 11 2
	MAY .	18 9 46	18 3 1		○	{ 29 19 18	29 13 46
	JUNE .	16 22 30	16 12 53		JUNE .	13 13 40	13 18 37
	JULY .	{ 16 11 14	16 0 42		JULY .	13 2 24	13 1 22
	○	{ 31 5 36	31 9 36		AUG. .	11 15 8	11 8 26
	AUG. .	14 23 58	14 14 52		SEPT. .	10 3 52	9 16 49
	SEPT. .	13 12 42	13 7 13		OCT. .	9 16 36	9 3 25
	OCT. .	13 1 26	13 0 54		NOV. .	{ 8 5 20	7 16 45
	NOV. .	11 14 10	11 18 48		○	{ 22 23 42	23 6 36
	DEC. .	11 2 54	11 11 45		DEC. .	7 18 4	7 8 50
1795. G.	JAN. .	{ 9 15 38	10 2 50	1798. C.	JAN. .	6 6 48	6 3 3
9 17 24	○	{ 24 10 0	24 2 56	9 10 50	FEB. .	4 19 32	4 22 6
	FEB. .	8 4 22	8 15 36		MAR. .	6 8 16	6 16 27
	MAR. .	9 17 6	10 2 8		APRIL	4 21 0	5 8 47
	APRIL	8 5 50	8 10 50		MAY .	{ 4 9 44	4 22 22
	MAY .	7 18 34	7 18 23		○	{ 19 4 6	18 20 30
	JUNE .	6 7 18	6 1 43		JUNE .	2 22 28	3 9 11
	JULY .	{ 5 20 2	5 9 54		JULY .	{ 2 11 12	2 17 54
	○	{ 20 14 24	20 22 13		AUG. .	30 12 40	{ 1 1 30
	AUG. .	4 8 46	3 20 3		SEPT. .	29 1 24	{ 30 9 6
	SEPT. .	2 21 30	2 8 53		OCT. .	28 14 8	28 17 35
	OCT. .	{ 2 10 14	2 0 33		○	{ 12 8 30	12 14 55
	NOV. .	{ 31 22 58	31 18 43		NOV. .	{ 27 2 52	26 15 55
	DEC. .	30 11 42	30 13 53		DEC. .	26 15 36	26 6 19
		30 0 26	30 8 36				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1799.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1802.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				E.			
March.	JAN. .	25 4 21	24 22 38	March.	JAN. .	21 19 30	21 21 30
<i>d. h. m.</i>	FEB. .	23 17 5	23 15 6	<i>d. h. m.</i>	FEB. .	20 8 14	20 7 42
9 16 39	MAR. .	25 5 49	25 9 43	9 10 6	○	{ 7 2 36	7 13 30
	APRIL	23 18 33	24 2 21		MAR. .	{ 21 20 59	21 17 38
	MAY .	23 7 17	23 17 6		APRIL	20 9 43	20 8 48
	JUNE .	21 20 1	22 5 37		MAY .	19 22 27	19 14 54
	JULY .	21 8 45	21 16 7		JUNE .	18 11 11	18 3 33
	AUG. .	19 21 29	20 1 19		JULY .	17 23 55	17 17 55
	SEPT. .	18 10 18	18 10 6		AUG. .	{ 16 12 39	16 9 43
	OCT. .	17 22 57	17 19 19		○	{ 31 7 1	31 0 38
	NOV. .	16 11 41	16 5 29		SEPT. .	15 1 23	15 2 13
	DEC. .	16 0 25	15 16 52		OCT. .	14 14 7	14 13 37
					NOV. .	13 2 51	13 10 7
					DEC. .	12 15 35	13 0 17
1800.	JAN. .	14 13 9	14 5 35				
A.G.	FEB. .	13 1 53	12 19 36				
8 22 28	MAR. .	{ 13 14 37	13 10 43	1803.	JAN. .	11 4 19	11 12 50
	○	{ 23 8 59	23 13 54	D.	FEB. .	9 17 8	9 23 49
	APRIL	12 3 21	12 2 36	9 15 54	MAR. .	11 5 47	11 9 28
	MAY .	11 16 5	11 13 38		APRIL	9 18 31	9 17 59
	JUNE .	10 4 49	10 10 3		MAY .	9 7 15	9 2 19
	JULY .	9 17 33	10 0 14		JUNE .	7 19 59	7 11 18
	AUG. .	8 6 17	8 12 56		JULY .	7 8 43	6 21 56
	SEPT. .	{ 6 19 1	7 0 19		AUG. .	5 21 27	5 10 53
	○	{ 21 13 23	21 0 4		SEPT. .	4 10 11	4 2 13
	OCT. .	6 7 45	6 10 57		OCT. .	3 22 55	3 19 36
	NOV. .	4 20 29	4 21 24		NOV. .	2 11 39	2 13 46
	DEC. .	4 9 14	4 8 1		DEC. .	{ 2 0 23	2 7 38
						{ 31 18 7	31 23 46
1801.	JAN. .	2 21 58	2 13 53				
F.	FEB. .	1 10 42	1 6 14		○	{ 15 7 30	14 23 31
9 4 17	MAR. .	{ 2 23 26	2 18 1	1804.	JAN. .	{ 30 1 52	30 13 47
	○	{ 17 17 43	18 7 43	C.B.	FEB. .	28 14 36	29 1 20
	APRIL	1 12 10	{ 1 6 33	8 21 43	MAR. .	29 3 20	29 10 43
			{ 30 20 6		APRIL	27 16 4	27 13 35
	MAY .	{ 30 13 33	30 10 42		MAY .	27 4 48	27 1 44
	JUNE .	29 2 22	29 2 0		JUNE .	25 17 32	25 9 17
	JULY .	28 15 6	28 17 22		○	{ 10 11 54	10 19 55
	AUG. .	27 3 50	27 8 13		JULY .	{ 25 6 16	24 13 17
	○	{ 10 22 12	10 9 24		AUG. .	23 19 0	23 5 43
	SEPT. .	{ 25 16 34	25 22 10		SEPT. .	22 7 44	21 20 5
	OCT. .	25 5 13	25 11 8		OCT. .	21 20 28	21 13 14
	NOV. .	23 18 2	23 23 16		NOV. .	20 9 12	20 8 11
	DEC. .	23 6 46	23 10 42		DEC. .	19 21 56	20 8 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1805.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1808.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	○			E.D.			
March.	JAN. .	{ 3 16 18	3 10 56	March.	JAN. .	16 1 51	15 18 26
<i>d. h. m.</i>	FEB. .	{ 18 10 41	18 21 25	<i>d. h. m.</i>	FEB. .	14 14 35	14 11 11
9 3 32	MAR. .	16 23 25	17 12 53	8 20 59	MAR. .	15 3 19	15 4 37
	MAR. .	18 12 9	19 1 24		APRIL	{ 13 16 3	13 21 40
	APRIL	17 0 53	17 11 10		○	{ 28 10 25	28 10 7
	MAY .	16 13 37	16 18 56		MAY .	13 4 47	13 13 22
	JUNE .	{ 15 2 21	15 1 41		JUNE .	11 17 31	12 3 8
	○	{ 29 20 43	29 23 31		JULY .	11 6 15	11 14 36
	JULY .	14 15 5	14 8 31		AUG. .	9 18 59	10 0 33
	AUG. .	13 3 49	12 16 31		SEPT. .	8 7 43	8 9 41
	SEPT. .	11 16 33	11 2 43		OCT. .	{ 7 20 27	7 18 49
	OCT. .	11 5 17	10 16 12		○	{ 22 14 49	22 10 51
	NOV. .	9 18 1	9 8 2		NOV. .	6 9 11	6 4 37
	DEC. .	{ 9 6 45	9 2 36		DEC. .	5 21 55	5 15 27
	○	{ 24 1 7	24 2 21				
1806.	JAN. .	7 19 30	7 22 11	1809.	JAN. .	4 10 39	4 3 27
G.	FEB. .	6 8 13	6 17 4	C.	FEB. .	2 23 23	2 16 37
9 9 21	MAR. .	7 20 57	8 9 48	9 2 47	MAR. .	4 12 7	4 6 55
	APRIL	6 9 41	6 23 32		APRIL	{ 3 0 51	2 22 11
	MAY .	5 22 25	6 10 16		○	{ 17 19 13	18 3 5
	JUNE .	4 11 9	4 18 41		MAY .	2 13 35	2 14 1
	JULY .	3 23 53	4 1 44		JUNE .	{ 1 2 19	1 5 43
	AUG. .	2 12 37	{ 2 8 36		○	{ 30 15 3	30 20 37
	SEPT. .	{ 1 1 21	{ 31 16 19		JULY .	30 3 47	30 10 13
	○	{ 30 14 5	30 1 49		AUG. .	28 16 31	28 22 24
	OCT. .	30 2 49	29 13 50		SEPT. .	27 5 15	27 9 43
	NOV. .	23 15 33	23 4 36		○	{ 11 23 37	11 11 33
	DEC. .	23 4 17	27 21 48		OCT. .	{ 26 17 59	26 20 26
1807.	JAN. .	26 17 2	26 16 29		NOV. .	25 6 43	25 7 7
F.	FEB. .	25 5 46	25 11 13		DEC. .	24 19 27	24 17 56
9 15 10	MAR. .	26 18 30	27 4 34	1810.	JAN. .	23 8 11	23 4 56
	APRIL	25 7 14	25 19 29	B.	FEB. .	21 20 55	21 16 12
	○	{ 10 1 36	9 19 7	9 8 33	MAR. .	23 9 40	23 4 2
	MAY .	{ 24 19 58	25 7 39		APRIL	21 22 24	21 16 46
	JUNE .	23 8 42	23 17 21		MAY .	21 11 8	21 6 38
	JULY .	22 21 26	23 1 20		JUNE .	19 23 52	19 21 31
	AUG. .	21 10 10	21 9 9		JULY .	19 12 36	19 12 59
	SEPT. .	19 22 54	19 17 15		AUG. .	18 1 20	18 4 20
	OCT. .	19 11 38	19 2 39		SEPT. .	16 14 4	16 19 2
	○	{ 3 6 0	3 10 36		OCT. .	16 2 48	16 8 58
	NOV. .	{ 18 0 22	17 13 51		NOV. .	14 15 32	14 21 36
	DEC. .	17 13 6	17 3 9		DEC. .	14 4 16	14 9 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1811.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1814.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	12 17 0	12 20 38	D.	JAN. .	9 8 10	9 16 43
	FEB. .	{ 11 5 44	11 7 0	March.	FEB. .	7 20 54	8 9 32
March.	○	{ 26 0 6	26 8 40	<i>d. h. m.</i>	MAR. .	9 9 38	9 23 30
<i>d. h. m.</i>	MAR. .	12 18 28	12 16 48	9 7 51	APRIL	7 22 22	8 10 28
9 14 25	APRIL	11 7 12	11 2 29		MAY .	7 11 6	7 19 2
	MAY .	10 19 56	10 12 46		JUNE .	5 23 50	6 2 6
	JUNE .	9 8 40	9 0 23		JULY .	5 12 34	5 8 44
	JULY .	8 21 24	8 13 48		AUG. .	4 1 18	3 16 3
	AUG. .	{ 7 10 8	7 4 58		SEPT. .	2 14 2	2 1 7
	○	{ 22 4 30	22 0 39		OCT. .	{ 2 2 46	1 12 47
	SEPT. .	5 22 52	5 21 24			{ 31 15 30	31 3 33
	OCT. .	5 11 36	5 14 13		NOV. .	30 4 14	29 21 5
	NOV. .	4 0 20	4 6 32		○	{ 14 22 36	15 1 21
	DEC. .	3 13 4	3 21 38		DEC. .	{ 29 16 58	29 16 20
1812.	JAN. .	{ 2 1 49	2 11 9	1815.	JAN. .	23 5 43	28 11 44
G.F.	FEB. ○	{ 31 14 33	31 22 54	C.	FEB. .	26 18 27	27 5 36
		15 8 55	15 8 12	9 13 40	MAR. .	23 7 11	28 20 49
8 20 14	MAR. .	{ 1 3 17	1 9 0		APRIL	26 19 55	27 8 57
		{ 30 16 1	30 17 48		MAY .	26 8 39	26 18 23
	APRIL	29 4 45	29 1 56		○	{ 10 3 1	9 20 23
	MAY .	28 17 29	28 10 17		JUNE .	{ 24 21 23	25 2 0
	JUNE .	27 6 13	26 19 52		JULY .	24 10 7	24 8 54
	JULY .	26 18 57	26 7 33		AUG. .	22 22 51	22 16 11
	○	{ 10 13 19	10 17 7		SEPT. .	21 11 35	21 0 50
	AUG. .	{ 25 7 41	24 21 46		OCT. .	21 0 19	20 11 37
	SEPT. .	23 20 25	23 14 21		NOV. .	19 13 3	19 1 3
	OCT. .	23 9 9	23 8 28		○	{ 4 7 25	4 15 15
	NOV. .	21 21 53	22 2 48		DEC. .	{ 19 1 47	18 17 4
	DEC. .	21 10 37	21 20 6				
1813.	JAN. .	19 23 22	20 11 20	1816.	JAN. .	17 14 32	17 11 3
E.	○	{ 8 17 44	8 11 9	B.A.	FEB. .	16 3 16	16 5 45
	FEB. .	{ 18 12 6	19 0 8	8 19 29	MAR. .	16 16 0	16 23 47
9 2 3	MAR. .	20 0 50	20 10 21		APRIL	15 4 44	15 15 55
	APRIL	18 13 34	18 13 42		MAY .	{ 14 17 23	15 5 25
	MAY .	18 2 18	18 1 57		○	{ 29 11 50	29 3 37
	JUNE .	16 15 2	16 9 4		JUNE .	13 6 12	13 16 18
	JULY .	{ 16 3 46	15 17 9		JULY .	12 13 56	13 1 14
	○	{ 30 22 8	31 5 18		AUG. .	11 7 40	11 9 9
	AUG. .	14 16 30	14 3 16		SEPT. .	9 20 24	9 17 5
	SEPT. .	13 5 14	12 16 12		OCT. .	9 9 8	9 1 57
	OCT. .	12 17 53	12 8 9		NOV. .	{ 7 21 52	7 12 19
	NOV. .	11 6 42	11 2 28		○	{ 22 16 14	22 23 6
	DEC. .	10 19 26	10 21 52		DEC. .	{ 7 10 36	7 0 34

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1817.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1820.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.				D.C.			
March.	JAN. .	5 23 20	5 14 47	March.	JAN. .	3 14 30	3 19 33
<i>d. h. m.</i>	FEB. .	4 12 4	4 6 39	<i>d. h. m.</i>	FEB. .	2 3 14	2 6 18
9 1 18	MAR. .	6 0 48	5 23 36	8 13 44	MAR. .	{ 2 15 58	2 16 10
	APRIL	4 13 32	4 16 46	O		{ 17 10 20	17 20 56
	MAY .	4 2 16	4 9 6	APRIL		{ 1 4 42	1 1 34
	JUNE .	2 15 0	2 23 48			{ 30 17 26	30 11 12
	JULY .	{ 2 3 44	2 12 30	MAY .		30 6 10	29 21 51
		{ 31 16 28	31 23 21	JUNE .		28 18 54	28 10 12
	AUG. .	30 5 12	30 9 0	JULY .		28 7 38	28 0 30
	SEPT. .	28 17 56	23 18 16	AUG. .		26 20 22	26 16 31
	OCT. .	28 6 40	23 3 54	O		{ 10 14 44	10 8 36
	NOV. .	26 19 24	26 14 20	SEPT. .		{ 25 9 6	25 9 23
	DEC. .	26 8 8	26 1 43	OCT. .		24 21 50	25 2 24
				NOV. .		23 10 34	23 18 27
				DEC. .		22 23 18	23 8 56
1818.	JAN. .	24 20 53	24 14 9				
F.	FEB. .	23 9 37	23 3 39				
9 7 7	MAR. .	24 22 21	24 18 10	1821.	JAN. .	21 12 2	21 21 36
	O	{ 8 16 43	9 2 49	B.	FEB. .	20 0 46	20 8 24
	APRIL	{ 23 11 5	23 9 31	9 0 33	MAR. .	21 13 31	21 17 37
	MAY .	22 23 49	23 1 13		APRIL	20 2 15	20 1 48
	JUNE .	21 12 33	21 16 34		MAY .	19 14 59	19 9 44
	JULY .	21 1 17	21 6 53		JUNE .	18 3 43	17 18 25
	AUG. .	19 14 1	19 20 6		JULY .	17 16 27	17 4 52
	SEPT. .	18 2 45	18 8 5		AUG. .	16 5 11	15 17 49
	O	{ 2 21 7	2 7 42		SEPT. .	14 17 55	14 9 23
	OCT. .	{ 17 15 29	17 19 17		OCT. .	14 6 39	14 3 1
	NOV. .	16 4 13	16 6 9		NOV. .	12 19 23	12 21 37
	DEC. .	15 16 57	15 17 0		DEC. .	12 8 7	12 15 46
1819.	JAN. .	14 5 42	14 3 52	1822.	JAN. .	{ 10 20 51	11 8 12
E.	FEB. .	12 18 26	12 14 48	A.	O	{ 25 15 13	25 7 55
9 12 56	MAR. .	{ 14 7 10	14 2 3		FEB. .	9 9 35	9 22 12
	O	{ 29 1 32	29 15 31	9 6 22	MAR. .	10 22 20	11 9 35
	APRIL	12 19 54	12 13 53		APRIL	9 11 4	9 18 41
	MAY .	12 8 33	12 2 59		MAY .	8 23 48	9 2 14
	JUNE .	10 21 22	10 17 14		JUNE .	7 12 32	7 9 11
	JULY .	10 10 6	10 8 26		JULY .	{ 7 1 16	6 16 35
	AUG. .	8 22 50	9 0 3		O	{ 21 19 38	22 2 49
	SEPT. .	{ 7 11 34	7 15 23		AUG. .	5 14 0	5 1 33
	O	{ 22 5 56	21 17 18		SEPT. .	4 2 44	3 13 3
	OCT. .	7 0 13	7 5 57		OCT. .	3 15 28	3 3 35
	NOV. .	5 13 2	5 19 31		NOV. .	2 4 12	1 20 56
	DEC. .	5 1 46	5 8 4		DEC. .	{ 1 16 56	1 16 5
						{ 31 5 40	31 11 29

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1823.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1826.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.	○	{ 15 0 2	14 19 46	c.	JAN. .	26 9 38	26 2 33
March.	JAN. .	{ 29 18 24	30 5 29	March.	FEB. .	24 22 17	24 18 54
<i>d. h. m.</i>	FEB. .	28 7 8	28 20 53	<i>d. h. m.</i>	MAR. .	26 11 2	26 11 48
9 12 11	MAR. .	29 19 52	30 9 14	9 5 37	APRIL	24 23 46	25 4 28
	APRIL	28 8 36	28 18 49	○	{ 9 18 8	9 17 48	
	MAY .	27 21 20	28 2 26	MAY .	{ 24 12 30	24 20 0	
	JUNE .	26 10 4	26 9 8	JUNE .	23 1 14	23 9 47	
	○	{ 11 4 26	11 5 59	JULY .	22 13 58	22 21 40	
	JULY .	{ 25 22 48	25 16 0	AUG. .	21 2 42	21 8 3	
	AUG. .	24 11 32	24 0 7	SEPT. .	19 15 26	19 17 39	
	SEPT. .	23 0 16	22 10 30	OCT. .	19 4 10	19 3 16	
	OCT. .	22 13 0	21 23 47	○	{ 2 22 32	2 18 28	
	NOV. .	21 1 44	20 16 3	NOV. .	{ 17 16 54	17 13 25	
	DEC. .	20 14 28	20 10 36	DEC. .	17 5 38	17 0 21	
	○	{ 4 8 51	4 11 20				
1824.	JAN. .	{ 19 3 13	19 6 24	1827.	JAN. .	15 18 22	15 12 10
F.E.	FEB. .	17 15 57	18 0 48	B.	FEB. .	14 7 6	14 0 54
8 16 0	MAR. .	18 4 41	18 17 22	9 11 26	MAR. .	15 19 51	15 14 37
	APRIL	16 17 25	17 6 57		APRIL	{ 14 8 35	14 5 18
	MAY .	16 6 9	16 17 37	○	{ 29 2 57	29 10 49	
	JUNE .	{ 14 18 53	15 2 1	MAY .	13 21 19	13 20 40	
	○	{ 29 13 15	29 6 45	JUNE .	12 10 3	12 12 11	
	JULY .	14 7 37	14 9 13	JULY .	11 22 47	12 3 12	
	AUG. .	12 20 21	12 16 18	AUG. .	10 11 31	10 17 11	
	SEPT. .	11 9 5	11 0 16	SEPT. .	9 0 15	9 6 0	
	OCT. .	10 21 49	10 10 3	OCT. .	{ 8 12 59	8 17 49	
	NOV. .	9 10 38	8 22 11	○	{ 23 7 21	22 19 20	
	DEC. .	8 23 17	8 12 57	NOV. .	7 1 43	7 5 4	
				DEC. .	6 14 27	6 16 3	
1825.	JAN. .	7 12 1	7 5 56				
D.	FEB. .	6 0 45	6 0 15	1828.	JAN. .	5 3 11	5 2 54
8 23 9	MAR. .	7 18 29	7 18 37	A.G.	FEB. .	3 15 55	3 13 40
	APRIL	6 2 13	6 11 41	8 17 15	MAR. .	4 4 39	4 0 23
	MAY .	{ 5 14 57	6 2 28		APRIL	2 17 23	2 11 42
	○	{ 20 9 19	20 2 25		{ 2 6 7	1 23 50	
	JUNE .	4 3 41	4 14 38		{ 31 13 51	31 13 16	
	JULY .	3 16 25	4 0 32		JUNE .	30 7 35	30 3 57
	AUG. .	{ 2 5 9	2 8 53		JULY .	29 20 19	29 19 31
	{ 31 17 53	31 16 59			AUG. .	28 9 3	28 11 16
	SEPT. .	30 6 37	30 1 28		SEPT. .	26 21 47	27 2 33
	OCT. .	29 19 21	29 11 12		OCT. .	26 10 31	26 16 56
	○	{ 18 13 43	18 13 33		NOV. .	24 23 15	25 6 14
	NOV. .	{ 23 8 5	27 22 33		DEC. .	24 11 59	24 13 24
	DEC. .	27 20 49	27 11 44				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1829.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1832.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.	JAN. .	23 0 44	23 5 31	C.B.	JAN. .	20 15 54	21 0 45
March.	FEB. .	21 13 28	21 15 36	March.	FEB. .	19 4 38	19 17 32
<i>d. h. m.</i>	○	{ 8 7 50	8 16 9	<i>d. h. m.</i>	MAR. .	19 17 22	20 7 21
8 23 4	MAR. .	{ 23 2 12	23 0 57	8 16 30	APRIL	18 6 6	18 18 10
	APRIL	21 14 56	21 10 7		MAY .	17 18 50	18 2 35
	MAY .	21 3 40	20 19 55		JUNE .	16 7 34	16 9 34
	JUNE .	19 16 24	19 7 11		JULY .	15 20 18	15 16 13
	JULY .	19 5 8	18 20 26		AUG. .	14 9 2	13 23 39
	AUG. .	17 17 52	17 11 42		SEPT. .	12 21 46	12 8 58
	○	{ 1 12 14	1 8 31		OCT. .	12 10 30	11 20 45
	SEPT. .	{ 16 6 36	16 4 29		NOV. .	10 23 14	10 11 36
	OCT. .	15 19 20	15 21 48		DEC. .	{ 10 11 58	10 5 8
	NOV. .	14 8 4	14 14 39		○	{ 25 6 20	25 10 19
	DEC. .	13 20 48	14 6 11				
1830.	JAN. .	12 9 33	12 19 53	1833.	JAN. .	9 0 42	9 0 17
E.	FEB. .	{ 10 22 17	11 7 32	A.	FEB. .	7 13 27	7 19 31
	○	{ 23 16 39	25 15 50	8 22 19	MAR. .	9 2 11	9 13 11
9 4 52	MAR. .	12 11 1	12 17 21		APRIL	7 14 55	8 4 13
	APRIL	10 23 45	11 1 46		MAY .	7 3 39	7 16 16
	MAY .	10 12 29	10 9 4		JUNE .	{ 5 16 23	6 1 42
	JUNE .	9 1 13	8 17 33		○	{ 20 10 45	20 3 2
	JULY .	8 13 57	8 2 53		JULY .	5 5 7	5 9 24
	AUG. .	{ 7 2 41	6 14 29		AUG. .	3 17 51	3 16 31
	○	{ 21 21 3	22 0 44		SEPT. .	2 6 35	2 0 3
	SEPT. .	5 15 25	5 4 49		OCT. .	{ 1 19 19	1 8 59
	OCT. .	5 4 9	4 21 40		○	{ 31 8 3	30 20 0
	NOV. .	3 16 53	3 16 8		NOV. .	29 20 47	29 9 29
	DEC. .	3 5 37	3 10 52		○	{ 14 15 9	14 23 57
					DEC. .	{ 29 9 31	29 1 20
1831.	JAN. .	{ 1 18 21	2 4 26	1834.	JAN. .	27 22 15	27 18 57
D.	FEB. ○	{ 31 7 5	31 19 44	G.	FEB. .	26 10 59	26 13 17
	MAR. .	{ 1 19 49	2 8 19	9 4 8	MAR. .	27 23 43	28 6 57
9 10 41	○	{ 31 8 33	31 18 22		APRIL	26 12 27	26 22 52
	APRIL	29 21 17	30 2 27		MAY .	26 1 11	26 12 20
	MAY .	29 10 1	29 9 23		○	{ 9 19 33	9 10 43
	JUNE .	27 22 45	27 16 25		JUNE .	{ 24 13 55	24 23 22
	JULY .	27 11 29	27 0 27		JULY .	24 2 39	24 8 33
	○	{ 11 5 51	11 12 25		AUG. .	22 15 23	22 16 50
	AUG. .	{ 26 0 13	25 10 37		SEPT. .	21 4 7	21 1 12
	SEPT. .	24 12 57	23 23 40		OCT. .	20 16 51	20 10 25
	OCT. .	24 1 41	23 15 47		NOV. .	19 5 35	18 21 2
	NOV. .	22 14 25	22 10 17		○	{ 3 23 57	4 7 13
	DEC. .	22 3 9	22 5 50		DEC. .	{ 13 18 19	13 9 16

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1835.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1838.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				B.			
March.	JAN. .	17 7 3	16 23 11	March.	JAN. .	13 22 14	14 4 38
<i>d. h. m.</i>	FEB. .	15 19 47	15 14 35	<i>d. h. m.</i>	FEB. .	12 10 58	12 15 0
9 9 57	MAR. .	17 8 32	17 7 0	9 3 28	MAR. .	13 23 42	14 0 23
	APRIL	15 21 16	15 23 40	○		28 18 4	29 4 12
	MAY .	15 10 0	15 15 45	APRIL		12 12 26	12 9 21
	○	30 4 22	30 1 7	MAY .		12 1 10	11 18 33
	JUNE .	13 22 44	14 6 27	JUNE .		10 18 54	10 4 47
	JULY .	13 11 28	13 19 22	JULY .		10 2 38	9 16 54
	AUG. .	12 0 12	12 6 39	AUG. .		8 15 22	8 7 12
	SEPT. .	10 12 56	10 16 49	SEPT. .	7 4 6	6 23 27	
	OCT. .	10 1 40	10 2 37	○	21 22 23	21 16 44	
	NOV. .	8 14 24	8 12 38	OCT. .		6 16 50	6 16 51
	DEC. .	8 8 8	7 23 15	NOV. .		5 5 34	5 10 19
				DEC. .		4 18 18	5 2 49
1836.	JAN. .	6 15 53	6 10 35				
E.D.	FEB. .	5 4 37	4 22 39	1839.	JAN. .	3 7 2	3 17 36
8 15 45	MAR. .	5 17 21	5 11 36	A.	FEB. .	1 19 46	2 6 14
	APRIL	4 6 5	4 1 30	9 9 12	MAR. .	3 8 30	3 16 50
	○	19 0 27	19 10 36		APRIL	1 21 14	2 1 43
	MAY .	3 18 49	3 16 19		MAY .	1 9 53	1 9 30
	JUNE .	2 7 33	2 7 41		○	30 22 42	30 17 6
	JULY .	1 20 17	1 23 2		JUNE .	29 11 26	29 1 33
	○	31 9 1	31 13 45		JULY .	29 0 10	28 11 53
	AUG. .	29 21 45	30 8 23		AUG. .	27 12 54	27 0 51
	SEPT. .	28 10 29	28 15 57		SEPT. .	23 1 33	23 16 36
	○	13 4 51	12 15 30		OCT. .	25 14 22	25 10 33
	OCT. .	27 23 13	28 3 43		NOV. .	24 3 6	24 5 31
	NOV. .	26 11 57	26 15 1		DEC. .	23 15 50	23 23 57
	DEC. .	26 0 41	26 1 58				
1837.	JAN. .	24 18 25	24 12 41	1840.	JAN. .	22 4 34	22 16 33
C.	FEB. .	23 2 9	22 23 16	G.F.	○	5 22 56	5 16 14
8 21 31	MAR. .	24 14 53	24 9 57		FEB. .	20 17 18	21 6 29
	○	8 9 15	8 23 4	8 15 1	MAR. .	21 6 3	21 17 41
	APRIL	23 8 37	22 21 16		APRIL	19 18 47	20 2 31
	MAY .	22 16 21	22 9 47		MAY .	19 7 31	19 9 50
	JUNE .	21 5 5	20 23 44		JUNE .	17 20 15	17 13 35
	JULY .	20 17 49	20 14 55		JULY .	17 8 59	17 0 31
	AUG. .	19 6 33	19 6 49		○	1 3 21	1 9 44
	SEPT. .	17 19 17	17 22 39		AUG. .	15 21 43	15 8 55
	○	2 13 39	2 1 22		SEPT. .	14 10 27	13 20 32
	OCT. .	17 8 1	17 13 50		OCT. .	13 23 11	13 11 13
	NOV. .	15 20 45	16 8 57		NOV. .	12 11 55	12 4 44
	DEC. .	13 9 29	13 16 52		DEC. .	12 0 39	12 0 1

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1841. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1844. B.A. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 8 20 50	JAN. .	{ 10 13 24	10 19 30	8 14 16	JAN. .	8 4 34	7 20 21
	○	{ 25 7 46	25 4 33		FEB. .	6 17 18	6 10 50
	FEB. .	9 2 8	9 13 28		MAR. .	7 6 2	7 2 30
	MAR. .	10 14 52	11 4 45		APRIL	5 18 46	5 18 53
	APRIL	9 3 36	9 16 57		MAY .	{ 5 7 30	5 11 10
	MAY .	8 16 20	9 2 22		○	{ 20 1 52	20 1 20
	JUNE .	7 5 4	7 9 54		JUNE .	3 20 14	4 2 35
	JULY .	{ 6 17 48	6 16 36		JULY .	3 8 53	3 16 30
	○	{ 21 12 10	21 12 31		AUG. .	{ 1 21 42	2 4 45
	AUG. .	5 6 32	4 23 33		{ 31 10 26	31 15 38	
	SEPT. .	3 19 16	3 7 53		SEPT. .	29 23 10	30 1 48
	OCT. .	3 8 0	2 18 23		OCT. .	29 11 54	29 11 53
	NOV. .	1 20 44	1 7 52		○	{ 13 6 16	13 2 15
	DEC. .	{ 1 9 28	1 0 10		NOV. .	{ 23 0 38	27 22 20
		{ 30 22 12	30 18 37		DEC. .	27 13 22	27 9 17
1842. D.	○	{ 14 16 34	14 20 14	1845. G.	JAN. .	26 2 6	25 20 51
9 2 38	JAN. .	{ 29 10 56	29 13 53	8 20 5	FEB. .	24 14 50	24 9 5
	FEB. .	27 23 40	28 8 23		MAR. .	26 3 34	25 22 10
	MAR. .	29 12 24	30 0 43		APRIL	24 16 13	24 12 16
	APRIL	23 1 8	23 14 12		○	{ 9 10 40	9 18 26
	MAY .	27 13 52	28 0 50		MAY .	{ 24 5 2	24 3 13
	JUNE .	26 2 36	26 9 20		JUNE .	22 17 46	22 18 36
	○	{ 10 20 53	10 13 19		JULY .	22 6 30	22 9 47
	JULY .	{ 25 15 20	25 16 42		AUG. .	20 19 14	21 0 18
	AUG. .	24 4 4	24 0 3		SEPT. .	19 7 53	19 18 36
	SEPT. .	22 16 43	22 8 21		OCT. .	18 20 42	19 2 2
	OCT. .	22 5 32	21 18 24		○	{ 2 15 4	2 3 15
	NOV. .	20 18 16	20 6 41		NOV. .	{ 17 9 26	17 13 46
	DEC. .	20 7 0	19 21 20		DEC. .	16 22 10	17 1 0
1843. C.	JAN. .	18 19 45	18 14 3	1846. F.	JAN. .	15 10 55	15 11 50
9 8 27	FEB. .	17 8 29	17 7 57	9 1 54	FEB. .	13 23 39	13 22 13
	MAR. .	18 21 13	19 1 54		MAR. .	15 12 23	15 8 36
	APRIL	17 9 57	17 13 39		APRIL	14 1 7	13 19 16
	MAY .	16 22 41	17 9 21		MAY .	13 13 51	13 6 51
	JUNE .	15 11 25	15 21 36		JUNE .	12 2 35	11 19 53
	JULY .	15 0 9	15 7 44		JULY .	11 15 19	11 10 27
	AUG. .	13 12 53	13 16 32		AUG. .	10 4 3	10 2 10
	SEPT. .	12 1 37	12 0 53		SEPT. .	8 16 47	8 13 20
	OCT. .	11 14 21	11 9 53		OCT. .	8 5 31	8 10 13
	NOV. .	{ 10 3 5	9 19 54		NOV. .	6 18 15	7 1 11
	○	{ 24 21 27	25 2 34		DEC. .	6 6 59	6 14 55
	DEC. .	9 15 49	9 7 21				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1847.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1850.		<i>d. h. m.</i>	<i>d. h. m.</i>
E. March. <i>d. h. m.</i> 9 7 43	JAN. .	4 19 44	5 3 18	A. March. <i>d. h. m.</i> 9 1 9	JAN. .	{ 1 10 53 30 23 37	1 13 51 31 8 44
	FEB. .	3 8 28	3 14 18		FEB. .	...	...
	MAR. .	{ 4 21 12 19 15 34	5 0 3 19 23 27		MAR. .	{ 1 12 21 31 1 5	2 1 23 31 15 2
	APRIL	3 9 56	3 8 58		APRIL	29 13 49	30 1 42
	MAY .	2 22 40	2 17 39		MAY .	29 2 33	29 10 0
	JUNE .	1 11 24	{ 1 3 2 30 13 59		JUNE .	27 15 17	27 16 58
	JULY .	{ 1 0 8 30 12 52	30 3 9		JULY .	27 4 1	26 23 44
	AUG. .	29 1 36	28 18 34		AUG. .	25 16 45	25 7 21
	○	{ 12 19 58 27 14 20	12 16 33 27 11 41		SEPT. .	24 5 29	23 16 48
	SEPT. .	27 3 4	27 5 30		OCT. .	23 18 18	23 4 52
	OCT. .	25 15 48	25 22 51		NOV. .	22 6 57	21 19 47
	NOV. .	25 4 32	25 14 44		DEC. .	21 19 41	21 18 15
	DEC. .				○	{ 5 14 8 20 8 25	5 19 15 20 8 11
1848.	JAN. .	23 17 16	24 4 31	1851.	JAN. .	{ 18 21 9 20 9 54	19 3 7 20 20 34
D.C.	FEB. .	22 6 0	22 16 3	G. 9 6 53	FEB. .	18 22 38	19 11 26
	○	{ 8 0 22 22 18 44	7 23 17 23 1 33		APRIL	18 11 22	18 23 26
8 13 31	MAR. .	21 7 28	21 9 36		MAY .	17 0 6	17 8 55
	APRIL	20 20 12	20 17 0		○	{ 1 18 28 16 12 50	1 9 41 16 16 48
	MAY .	19 8 56	19 0 46		JULY .	15 1 34	15 0 10
	JUNE .	18 21 40	18 9 58		AUG. .	13 14 18	13 8 3
	AUG. .	17 10 24	16 21 34		SEPT. .	13 8 2	12 17 18
	○	{ 1 4 46 15 23 8	1 8 27 15 12 1		OCT. .	11 15 46	11 4 31
	SEPT. .	15 11 52	15 5 6		NOV. .	{ 11 4 80 25 22 52	10 17 59 26 8 37
	NOV. .	14 0 36	13 23 55		DEC. .		
	DEC. .	18 18 20	18 18 57		○		
1849.	JAN. .	12 2 5	12 12 43	1852.	JAN. .	9 17 14	9 9 37
B.	FEB. .	{ 10 14 49 25 9 11	11 4 2 25 3 16	F.E. 8 12 47	FEB. .	8 5 59	8 2 50
8 19 20	○	12 3 38	12 16 29		MAR. .	8 18 43	8 20 41
	MAR. .	10 16 17	11 2 16		APRIL	7 7 27	7 13 59
	APRIL	10 5 1	10 10 7		MAY .	6 20 11	7 5 42
	MAY .	8 17 45	8 16 46		JUNE .	{ 5 8 55 20 8 17	5 19 11 19 17 50
	JUNE .	8 6 29	7 23 49		○	4 21 39	5 6 25
	JULY .	{ 6 19 13 21 18 35	6 7 51 21 19 37		AUG. .	3 10 23	3 15 57
	AUG. .	5 7 57	4 18 7		SEPT. .	1 28 7	2 0 39
	○	4 20 41	4 7 19		OCT. .	{ 1 11 51 31 0 35	1 9 23 30 19 3
	SEPT. .	8 9 25	2 23 36		NOV. .	29 18 19	29 5 51
	OCT. .	2 22 9	2 13 13		○	{ 14 7 41 29 2 8	14 15 31 28 18 1
	NOV. .				DEC. .		
	DEC. .						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1853.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1856.		<i>d. h. m.</i>	<i>d. h. m.</i>
D. March. <i>d. h. m.</i> 8 18 35	JAN. .	27 14 47	27 7 36	A.G. March. <i>d. h. m.</i> 8 12 2	JAN. .	25 5 57	25 18 21
	FEB. .	26 3 31	25 22 27		FEB. .	23 18 41	23 23 31
	MAR. .	27 16 15	27 14 15		MAR. .	21 7 25	24 8 38
	APRIL	26 4 59	26 6 26	○	{ 8 1 47	8 11 17	
	MAY .	25 17 43	25 22 16	APRIL	{ 22 20 9	22 17 7	
	○	{ 9 12 5	9 8 31	MAY .	22 8 53	22 1 49	
	JUNE .	{ 24 6 27	24 13 8	JUNE .	20 21 37	20 11 44	
	JULY .	23 19 11	24 2 16	JULY .	20 10 21	19 23 39	
	AUG. .	22 7 55	22 14 1	AUG. .	18 23 5	18 14 0	
	SEPT. .	20 20 39	21 0 44	SEPT. .	17 11 49	17 6 30	
	OCT. .	20 9 23	20 11 3	○	{ 2 6 11	2 1 0	
	NOV. .	18 22 7	18 21 28	OCT. .	{ 17 0 33	17 0 19	
	DEC. .	18 10 51	18 8 13	NOV. .	15 13 17	15 18 17	
				DEC. .	15 2 1	15 11 12	
1854.	JAN. .	16 23 36	16 19 24				
C. 9 0 24	FEB. .	15 12 20	15 7 4	1857.	JAN. .	13 14 46	14 2 11
	MAR. .	17 1 4	16 19 25	F.	FEB. .	12 3 30	12 14 43
	APRIL	{ 15 13 43	15 8 41	8 17 51	MAR. .	13 16 14	14 1 10
	○	{ 30 8 10	30 18 15		APRIL	12 4 58	12 9 41
	MAY .	15 2 32	14 23 0		MAY .	11 17 42	11 17 8
	JUNE .	13 15 16	13 14 7		JUNE .	10 6 26	10 0 23
	JULY .	13 4 0	13 5 31		JULY .	9 19 10	9 8 43
	AUG. .	11 16 44	11 20 33		AUG. .	8 7 54	7 19 0
	SEPT. .	10 5 23	10 10 45		SEPT. .	6 20 33	6 8 3
	OCT. .	{ 9 13 12	9 23 57		OCT. .	6 9 22	6 0 0
	○	{ 24 12 34	23 23 26		NOV. .	4 22 6	4 18 14
	NOV. .	8 6 56	8 12 16		DEC. .	4 10 50	4 13 29
	DEC. .	7 19 40	7 23 53				
1855.	JAN. .	6 8 25	6 10 57	1858.	JAN. .	2 23 35	3 8 12
B. 9 6 13	FEB. .	4 21 9	4 21 23	E.	FEB. .	{ 1 12 19	2 0 49
	MAR. .	6 9 53	6 5 37		○	{ 16 6 41	16 0 32
	APRIL	{ 4 22 37	4 17 45	8 23 40	MAR. .	3 1 3	3 14 40
	○	{ 19 16 59	20 6 23		APRIL	1 13 47	2 1 37
	MAY .	4 11 21	4 4 31		MAY .	{ 1 2 31	1 10 14
	JUNE .	3 0 5	2 16 34		{ 30 15 15	30 17 19	
	JULY .	2 12 49	{ 2 6 16		JUNE .	29 3 59	29 0 0
	AUG. .	{ 1 1 33	31 21 29		JULY .	28 16 43	28 7 20
	{ 30 14 17	30 13 42		○	{ 12 11 5	12 16 43	
	SEPT. .	29 3 1	29 6 4	AUG. .	{ 27 5 27	26 16 26	
	○	{ 13 21 23	13 9 36	SEPT. .	25 18 11	25 4 11	
	OCT. .	{ 23 15 45	23 21 51	OCT. .	25 6 55	24 19 1	
	NOV. .	27 4 29	27 12 29	NOV. .	23 19 39	23 12 40	
	DEC. .	26 17 13	27 1 41	DEC. .	23 8 23	23 8 1	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1859.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1862.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	21 21 7	22 3 26	G.	JAN. .	18 12 17	18 4 55
March.	O	{ 5 15 29	5 13 15	March.	FEB. .	17 1 1	16 18 54
<i>d. h. m.</i>	FEB. .	{ 20 9 51	20 21 17	<i>d. h. m.</i>	MAR. .	18 13 45	18 9 59
9 5 28	MAR. .	21 22 35	22 12 26		APRIL	17 2 29	17 1 49
	APRIL	20 11 19	21 0 28		MAY .	{ 16 15 13	16 17 45
	MAY .	20 0 8	20 9 47		O	{ 31 9 35	31 8 48
	JUNE .	18 12 47	18 17 17		JUNE .	15 8 57	15 9 6
	JULY .	18 1 31	18 0 4		JULY .	14 16 41	14 23 13
	O	{ 1 19 53	1 19 5		AUG. .	13 5 25	13 11 54
	AUG. .	{ 16 14 15	16 7 13		SEPT. .	11 18 9	11 23 21
	SEPT. .	15 2 59	14 15 47		OCT. .	11 6 53	11 10 4
	OCT. .	14 15 43	14 2 34		NOV. .	{ 9 19 37	9 20 34
	NOV. .	13 4 27	12 16 6		O	{ 24 18 59	24 10 6
	DEC. .	12 17 11	12 8 21		DEC. .	9 8 21	9 7 15
1860.	JAN. .	{ 11 5 56	11 2 38	1863.	JAN. .	7 21 5	7 18 12
C.B.	O	{ 26 0 18	26 5 6	F.	FEB. .	6 9 50	6 5 27
	FEB. .	9 18 40	9 21 37		MAR. .	7 22 34	7 17 10
8 11 17	MAR. .	10 7 24	10 15 50	9 4 44	APRIL	6 11 18	6 5 41
	APRIL	8 20 8	9 7 58		MAY .	{ 6 0 2	5 19 10
	MAY .	8 8 52	8 21 21		O	{ 20 18 24	21 1 57
	JUNE .	6 21 36	7 8 0		JUNE .	4 12 46	4 9 45
	JULY .	{ 6 10 20	6 16 39		JULY .	4 1 30	4 1 3
	O	{ 21 4 42	20 19 57		AUG. .	2 14 14	2 16 27
	AUG. .	4 23 4	5 0 17		SEPT. .	{ 1 2 53	1 7 21
	SEPT. .	3 11 48	3 7 57		OCT. .	{ 30 15 42	30 21 21
	OCT. .	3 0 32	2 16 36		NOV. .	30 4 26	30 10 23
	NOV. .	1 18 16	{ 1 2 55		O	{ 18 22 43	18 11 20
	DEC. .	{ 1 2 0	{ 30 15 16		NOV. .	{ 23 17 10	23 22 32
		{ 30 14 44	30 5 46		DEC. .	23 5 54	23 9 58
1861.	JAN. .	29 3 29	28 22 6	1864.	JAN. .	26 18 39	26 20 42
A.	FEB. .	27 16 13	27 15 32	E.D.	FEB. .	25 7 23	25 6 49
8 17 6	MAR. .	29 4 57	29 9 1		MAR. .	25 20 7	25 16 38
	APRIL	27 17 41	28 1 29	8 10 38	APRIL	24 8 51	24 2 43
	MAY .	27 6 25	27 16 7		MAY .	23 21 35	23 13 50
	JUNE .	25 19 9	23 4 31		JUNE .	22 10 19	22 2 31
	JULY .	25 7 53	25 14 53		JULY .	21 23 3	21 17 0
	AUG. .	23 20 37	24 0 11		AUG. .	20 11 47	20 8 54
	SEPT. .	22 9 21	22 9 5		SEPT. .	19 0 31	19 1 31
	OCT. .	21 22 5	21 18 25		OCT. .	18 13 15	18 17 58
	NOV. .	20 10 49	20 4 41		NOV. .	17 1 59	17 9 30
	O	{ 5 5 11	5 10 39		DEC. .	16 14 43	16 23 38
	DEC. .	{ 19 23 33	19 16 10				

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1865. c. March. d. h. m. 8 16 21	JAN. .	d. h. m. 15 3 27	d. h. m. 15 12 17	A.D. 1868. G.F. March. d. h. m. 8 9 48	JAN. .	d. h. m. 12 18 37	d. h. m. 12 21 46
	FEB. .	13 16 11	13 22 57		FEB. .	11 7 21	11 16 33
	MAR. .	{ 15 4 55	15 8 22		MAR. .	11 20 5	12 9 4
	○	{ 29 23 17	30 6 35		APRIL	10 8 49	10 22 33
	APRIL	13 17 39	13 16 50		MAY .	9 21 33	10 9 7
	MAY .	13 6 23	13 1 5		JUNE .	8 10 17	8 17 23
	JUNE .	11 19 7	11 10 7		JULY .	7 23 1	8 0 25
	JULY .	11 7 51	10 20 51		AUG. .	6 11 45	6 7 21
	AUG. .	9 20 35	9 9 57		SEPT. .	5 0 29	4 15 13
	SEPT. .	{ 8 9 19	8 1 32		OCT. .	4 13 13	4 0 45
	○	{ 23 3 41	23 0 41		NOV. .	3 1 57	2 13 7
	OCT. .	7 22 3	7 19 0		DEC. .	{ 2 14 41	2 4 3
	NOV. .	6 10 47	6 13 17			...	31 21 23
	DEC. .	5 23 31	6 7 4				
1866. B. 8 22 10	JAN. .	4 12 16	4 23 13	1869. E. 8 15 37	JAN. ○	{ 1 3 26	...
	FEB. .	3 1 0	3 13 3			{ 15 21 48	16 4 10
	MAR. .	{ 4 13 44	5 0 25			{ 30 16 10	30 16 2
	○	{ 19 8 6	19 6 39		FEB. .	...	...
	APRIL	3 2 28	3 9 38		MAR. .	{ 1 4 54	1 10 39
	MAY .	2 15 12	2 17 20			{ 30 17 38	31 3 49
	JUNE .	{ 1 3 56	1 0 28		APRIL	29 6 22	29 18 32
		{ 30 16 40	30 8 1		MAY .	28 19 6	29 6 31
	JULY .	30 5 24	29 17 9		JUNE .	27 7 50	27 16 8
	AUG. .	23 18 8	23 4 47		○	{ 12 2 12	11 16 23
	○	{ 12 12 30	12 16 19		JULY .	{ 26 20 34	27 0 16
	SEPT. .	{ 27 6 52	26 19 22		AUG. .	25 9 18	25 7 53
	OCT. .	26 19 36	26 12 44		SEPT. .	23 22 2	23 16 13
	NOV. .	25 8 20	25 7 47		OCT. .	23 10 46	23 1 46
	DEC. .	24 21 4	25 3 2		NOV. .	21 23 30	21 13 9
1867. A. 9 3 59	JAN. .	23 9 48	23 20 52	1870. D. 8 21 26	DEC. .	21 12 14	21 2 33
	FEB. .	21 22 32	22 12 9		○	{ 5 6 36	5 17 16
	○	{ 8 16 54	8 11 11		JAN. .	{ 20 0 58	19 17 51
	MAR. .	{ 23 11 16	24 0 27		FEB. .	18 13 42	18 10 36
	APRIL	22 0 0	22 10 1		MAR. .	20 2 26	20 3 56
	MAY .	21 12 44	21 17 39		APRIL	18 15 10	18 20 53
	JUNE .	20 1 28	20 0 21		MAY .	18 3 54	18 12 25
	JULY .	19 14 12	19 7 13		JUNE .	16 16 38	17 1 58
	AUG. .	18 2 56	17 15 22		○	{ 1 11 0	1 0 57
	○	{ 1 21 18	2 2 55		JULY .	{ 16 5 22	16 13 28
	SEPT. .	{ 16 15 40	16 1 46		AUG. .	14 18 6	14 23 24
	OCT. .	16 4 24	15 15 8		SEPT. .	13 6 50	13 8 36
	NOV. .	14 17 8	14 7 31		OCT. .	12 19 34	12 17 51
	DEC. .	14 5 52	14 2 12		NOV. .	11 3 18	11 3 47
					DEC. .	{ 10 21 2	10 14 42
					○	{ 25 15 24	25 23 44

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1871. c. March. d. h. m. 9 3 14		d. h. m.	d. h. m.	A.D. 1874. F. March. d. h. m. 8 20 41		d. h. m.	d. h. m.
	JAN. .	9 9 47	9 2 45		JAN. .	6 0 57	6 10 28
	FEB. .	7 22 31	7 15 55		FEB. .	4 13 41	4 22 5
	MAR..	9 11 15	9 6 12		MAR..	6 2 25	6 8 1
	APRIL	7 23 59	7 21 23		APRIL	{ 4 15 9	4 16 41
	MAY .	7 12 43	7 13 9		○	{ 19 9 31	19 18 15
	JUNE .	{ 6 1 27	6 4 47		MAY .	4 3 53	4 0 45
	○	{ 20 19 49	20 15 56		JUNE .	2 16 37	2 9 4
	JULY .	5 14 11	5 19 37		JULY .	{ 2 5 21	1 18 42
	AUG. .	4 2 55	4 9 13		○	{ 31 13 5	31 6 32
	SEPT. .	2 15 39	2 21 30		AUG. .	30 6 49	29 20 56
	○	{ 2 4 23	2 8 43		SEPT. .	28 19 33	28 18 44
	OCT. .	{ 31 17 7	31 19 36		○	{ 13 13 55	13 9 24
	NOV. .	30 5 51	30 6 21		OCT. .	{ 23 8 17	23 7 57
	DEC. .	29 18 35	29 17 11		NOV. .	26 21 1	27 2 21
					DEC. .	26 9 45	26 19 34
1872. B.A. 8 9 3	JAN. .	28 7 20	28 4 10	1875. E. 9 2 30	JAN. .	24 22 29	25 10 40
	FEB. .	26 20 4	26 15 23		FEB. .	23 11 13	23 23 12
	MAR..	27 8 48	27 3 8		MAR..	24 23 53	25 9 19
	APRIL	25 21 32	25 15 50		APRIL	23 12 42	23 17 30
	○	{ 10 15 54	11 1 46		MAY .	23 1 26	23 0 40
	MAY .	{ 25 10 16	25 5 40		JUNE .	21 14 10	21 7 47
	JUNE .	23 23 0	23 20 34		JULY .	21 2 54	20 15 57
	JULY .	23 11 44	23 12 3		AUG. .	19 15 33	19 2 15
	AUG. .	22 0 23	22 3 28		SEPT. .	13 4 22	17 15 24
	SEPT. .	20 18 12	20 18 13		OCT. .	17 17 6	17 7 34
	OCT. .	20 1 56	20 8 3		NOV. .	16 5 50	16 2 2
	○	{ 3 20 13	3 7 33		DEC. .	15 13 34	15 21 30
	NOV. .	{ 18 14 40	18 20 50				
	DEC. .	13 8 24	13 8 43				
1873. G. 8 14 52	JAN. .	16 16 8	16 19 52	1876. D.G. 8 8 19	JAN. .	14 7 18	14 16 16
	FEB. .	15 4 52	15 6 8		FEB. .	{ 12 20 2	13 8 55
	MAR..	16 17 36	16 15 49		○	{ 27 14 24	27 8 41
	APRIL	{ 15 6 20	15 1 25		MAR..	13 8 46	13 22 33
	○	{ 30 0 42	30 13 42		APRIL	11 21 30	12 9 24
	MAY .	14 19 4	14 11 40		MAY .	11 10 14	11 17 43
	JUNE .	13 7 43	12 23 19		JUNE .	9 22 53	10 0 47
	JULY .	12 20 32	12 12 49		JULY .	9 11 42	9 7 26
	AUG. .	11 9 16	11 4 7		AUG. .	{ 8 0 26	7 14 51
	SEPT. .	9 22 0	9 20 40		○	{ 22 13 43	22 23 45
	OCT. .	{ 9 10 44	9 13 35		SEPT. .	6 13 10	6 0 5
	○	{ 24 5 6	23 17 53		OCT. .	6 1 54	5 12 0
	NOV. .	7 23 28	8 5 56		NOV. .	4 14 33	4 2 53
	DEC. .	7 12 12	7 21 2		DEC. .	4 3 22	3 20 39

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1877.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1880.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	2 16 7	2 15 58	F.E. March.	JAN. .	29 20 1	29 18 27
March.	FEB. .	{ 1 4 51	1 11 16	<i>d. h. m.</i>	FEB. .	28 8 45	28 2 54
<i>d. h. m.</i>	○	15 23 13	15 21 51	8 7 34	MAR. .	28 21 29	28 17 23
8 14 7	MAR. .	2 17 35	3 4 58		APRIL	27 10 18	27 8 39
	APRIL	{ 1 6 19	1 19 57		MAY .	26 22 57	27 0 17
		30 19 3	{ 1 7 53		○	{ 10 17 19	10 16 17
	MAY .	30 7 47	{ 30 17 8		JUNE .	{ 25 11 41	25 15 35
	JUNE .	28 20 31	29 0 41		JULY .	25 0 25	25 5 59
	JULY .	28 9 15	28 7 38		AUG. .	23 13 9	23 19 8
	○	{ 12 3 37	12 1 44		SEPT. .	22 1 58	22 7 9
	AUG. .	{ 26 21 59	26 15 2		OCT. .	21 14 87	21 18 26
	SEPT. .	25 10 43	24 23 50		NOV. .	20 8 21	20 5 23
	OCT. .	24 23 27	24 10 49		○	{ 4 21 43	4 18 2
	NOV. .	23 12 11	23 0 26		DEC. .	{ 19 16 5	19 16 14
	DEC. .	23 0 55	22 16 35				
1878.	JAN. .	21 13 40	21 10 36	1881.	JAN. .	18 4 49	18 3 5
A.	○	{ 5 8 2	5 13 53	D.	FEB. .	16 17 33	16 13 58
8 19 56	FEB. .	{ 20 2 24	20 5 14	8 13 23	MAR. .	18 6 17	18 1 7
	MAR. .	21 15 8	21 23 7		APRIL	16 19 1	16 13 0
	APRIL	20 3 52	20 15 2		MAY .	{ 16 7 45	16 1 59
	MAY .	19 16 36	20 4 21		○	{ 31 2 7	31 9 23
	JUNE .	18 5 20	18 15 8		JUNE .	14 20 29	14 16 15
	JULY .	17 18 4	17 23 59		JULY .	14 9 18	14 7 30
	○	{ 1 12 26	1 2 41		AUG. .	12 21 57	12 23 9
	AUG. .	{ 16 6 43	16 7 57		SEPT. .	11 10 41	11 14 35
	SEPT. .	14 19 32	14 16 1		OCT. .	10 23 25	11 5 11
	OCT. .	14 8 16	14 1 0		NOV. .	{ 9 12 9	9 18 47
	NOV. .	12 21 0	12 11 33		○	{ 24 6 31	23 19 30
	DEC. .	12 9 44	11 23 56		DEC. .	9 0 53	9 7 21
1879.	JAN. .	10 22 23	10 14 12	1882.	JAN. .	7 13 38	7 13 54
G.	FEB. .	9 11 12	9 6 5	C.	FEB. .	6 2 22	6 5 38
9 1 45	MAR. .	10 23 56	10 22 58	8 19 12	MAR. .	7 15 6	7 13 12
	APRIL	9 12 40	9 16 2		APRIL	6 3 50	6 0 30
	MAY .	9 1 24	9 8 12		MAY .	5 16 34	5 10 5
	JUNE .	7 14 8	7 22 48		JUNE .	4 5 18	3 20 45
	JULY .	7 2 52	7 11 24		JULY .	3 18 2	3 9 10
	AUG. .	5 15 36	5 22 14		AUG. .	{ 2 6 46	1 23 35
	SEPT. .	4 4 20	4 7 56			{ 31 19 30	31 15 44
	OCT. .	3 17 4	3 17 18		SEPT. .	30 8 14	30 8 49
	NOV. .	2 5 43	2 3 3		OCT. .	29 20 53	30 1 50
		{ 1 18 32	1 13 34		NOV. .	28 9 42	28 17 52
	DEC. ○	{ 16 12 54	16 18 44		DEC. .	27 22 26	23 8 18
		31 7 16	31 1 0				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1883.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1886.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	26 11 11	26 20 51	E.	JAN. .	23 2 21	23 5 40
March.	FEB. .	24 23 55	25 7 30	March.	FEB. .	21 15 5	22 0 16
<i>d. h. m.</i>	MAR. .	26 12 39	23 16 34	<i>d. h. m.</i>	MAR. .	23 3 49	23 16 35
9 1 0	○	10 7 1	10 13 37	8 18 27	APRIL	21 16 33	22 5 57
	APRIL	25 1 23	25 0 37		MAY .	21 5 17	21 16 27
	MAY .	24 14 7	24 8 30		JUNE .	19 18 1	20 0 45
	JUNE .	23 2 51	22 17 13		JULY .	19 6 45	19 7 56
	JULY .	22 15 35	22 3 47		AUG. .	17 19 29	17 15 4
	AUG. .	21 4 19	20 16 54		SEPT. .	16 8 13	15 23 12
	SEPT. .	19 17 3	19 8 40		OCT. .	15 20 57	15 9 11
	○	4 11 25	4 8 58		NOV. .	14 9 41	13 21 31
	OCT. .	19 5 47	19 2 30		DEC. .	13 22 25	13 12 24
	NOV. .	17 18 31	17 21 10				
	DEC. .	17 7 15	17 15 17				
1884.	JAN. .	15 19 59	16 7 38	1887.	JAN. .	12 11 9	12 5 28
A.G.	FEB. .	14 8 43	14 21 27	D.	○	27 5 31	27 12 57
8 6 49	MAR. .	14 21 27	15 8 36	9 0 16	FEB. .	10 23 53	10 23 45
	○	29 15 49	29 13 52		MAR. .	12 12 37	12 18 1
	APRIL	13 10 11	13 17 32		APRIL	11 1 21	11 10 53
	MAY .	12 22 55	13 0 58		MAY .	10 14 5	11 1 30
	JUNE .	11 11 39	11 7 52		JUNE .	9 2 49	9 13 31
	JULY .	11 0 23	10 15 19		JULY .	8 15 33	8 23 20
	AUG. .	9 13 7	9 0 26		○	23 9 55	22 23 10
	SEPT. .	8 1 51	7 12 7		AUG. .	7 4 17	7 7 46
	○	22 20 13	23 0 15		SEPT. .	5 17 1	5 15 51
	OCT. .	7 14 35	7 2 54		OCT. .	5 5 45	5 0 30
	NOV. .	6 3 19	5 20 27		NOV. .	3 13 29	3 10 23
	DEC. .	5 16 3	5 15 42		DEC. .	3 7 13	2 21 52
1885.	JAN. .	4 4 48	4 11 5				
F.	FEB. .	2 17 32	3 4 56	1888.	JAN. ○	1 19 57	1 11 8
8 12 38	MAR. .	4 6 16	4 20 8	C.B.	○	16 14 19	17 1 51
	○	19 0 33	18 18 59			31 8 41	31 2 2
	APRIL	2 19 0	3 8 15		FEB. .	29 21 26	29 13 17
	MAY .	2 7 44	2 17 33	8 6 5	MAR. .	30 10 10	30 11 6
	JUNE .	30 9 12	30 7 43		APRIL	23 22 54	23 8 33
	JULY .	29 21 56	29 14 45		MAY .	23 11 33	23 19 8
	AUG. .	28 10 40	27 23 1		JUNE .	27 0 22	27 8 44
	○	12 5 2	12 10 19		○	11 18 44	11 8 8
	SEPT. .	26 23 24	26 9 36		JULY .	26 13 6	26 20 34
	OCT. .	26 12 8	25 23 7		AUG. .	25 1 50	25 6 58
	NOV. .	25 0 52	24 15 34		SEPT. .	23 14 34	23 16 39
	DEC. .	24 13 36	24 10 12		OCT. .	23 3 13	23 2 22
					NOV. .	21 16 2	21 12 37
					DEC. .	21 4 46	20 23 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1889.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1892.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	○	{ 4 23 8	5 7 54	E.D. March.	JAN. .	17 8 41	17 19 11
March.	JAN. .	{ 19 17 30	19 11 27	<i>d. h. m.</i>	FEB. .	15 21 25	16 6 41
<i>d. h. m.</i>	FEB. .	18 6 14	18 0 8	8 5 20	MAR. .	16 10 9	16 16 20
8 11 53	MAR. .	19 18 59	19 13 49		APRIL	{ 14 22 53	15 0 37
	APRIL	18 7 43	18 4 26	○	○	{ 29 17 15	30 1 4
	MAY .	17 20 27	17 19 45	MAY .	MAY .	14 11 37	14 8 17
	JUNE .	16 9 11	{ 16 11 14	JUNE .	JUNE .	13 0 21	12 16 18
	○	{ 1 3 33	{ 30 23 22	JULY .	JULY .	12 13 5	12 1 45
	JULY .	{ 15 21 55	16 2 14	AUG. .	AUG. .	11 1 49	10 13 31
	AUG. .	14 10 39	14 16 14	SEPT.	SEPT.	9 14 33	9 4 3
	SEPT. .	12 23 23	13 5 5	OCT. .	{ 9 3 17	8 21 5	
	OCT. .	12 12 7	12 16 57	○	{ 23 21 39	23 17 57	
	NOV. .	11 0 51	11 4 17	NOV. .	NOV. .	7 16 1	7 15 41
	DEC. .	10 13 35	10 15 17	DEC. .	DEC. .	7 4 45	7 10 26
1890.	JAN. .	9 2 19	9 2 9	1893.	JAN. .	5 17 29	6 3 54
G.	FEB. .	7 15 3	7 12 47	C.	FEB. .	4 6 13	4 19 3
8 17 42	MAR. .	9 3 47	8 23 31	8 11 9	MAR. .	5 18 57	6 7 27
	APRIL	7 16 31	7 10 44		APRIL	4 7 41	4 17 17
	MAY .	{ 7 5 15	6 22 51		MAY .	3 20 25	4 1 14
	○	{ 21 23 37	22 9 12		JUNE .	2 9 9	2 8 10
	JUNE .	5 17 59	5 12 16		JULY .	{ 1 21 53	1 15 9
	JULY .	5 6 43	5 3 0		{ 31 10 37	30 23 16	
	AUG. .	3 19 27	3 18 38		AUG. .	29 23 21	29 9 38
	SEPT. .	2 8 11	2 10 28		SEPT. .	28 12 5	27 22 55
	OCT. .	{ 1 20 55	2 1 49		OCT. .	28 0 49	27 15 14
	○	{ 31 9 39	31 16 14		NOV. .	26 13 33	26 9 53
	NOV. .	{ 15 4 1	14 15 47		DEC. .	26 2 17	26 5 28
	DEC. .	{ 29 22 23	30 5 33				
		29 11 7	29 17 42				
1891.	JAN. .	27 23 52	23 4 43	1894.	JAN. .	24 15 2	25 0 18
F.	FEB. .	26 12 36	26 14 40	B.	FEB. .	23 3 46	23 16 52
8 23 31	MAR. .	28 1 20	27 23 54		○	{ 9 22 8	9 16 44
	APRIL	26 14 4	26 9 0	8 16 58	MAR. .	{ 24 16 30	25 6 27
	○	{ 11 8 26	11 20 50		APRIL	23 5 14	23 17 3
	MAY .	{ 26 2 48	25 18 48		MAY .	22 17 58	23 1 19
	JUNE .	24 15 32	24 6 6		JUNE .	21 6 42	21 8 14
	JULY .	24 4 16	23 19 28		JULY .	20 19 26	20 14 56
	AUG. .	22 17 0	22 10 54		AUG. .	19 8 10	18 22 28
	SEPT. .	21 5 44	21 3 48		○	{ 3 2 32	3 6 55
	OCT. .	20 18 28	20 21 13		SEPT. .	{ 17 20 54	17 7 55
	○	{ 4 12 50	4 2 30		OCT. .	17 9 38	16 19 59
	NOV. .	{ 19 7 12	19 14 6		NOV. .	15 22 22	15 11 3
	DEC. .	18 19 56	19 5 35		DEC. .	15 11 6	15 4 44

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1895.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1898.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	13 23 50	13 23 53	D.	JAN. .	10 15 0	10 9 51
March.	FEB. .	12 12 34	12 19 0	March.	FEB. .	9 3 44	8 21 54
<i>d. h. m.</i>	○	27 6 56	27 6 20	<i>d. h. m.</i>	MAR. .	10 16 28	10 10 46
8 22 46	MAR. .	14 1 13	14 12 29	8 16 13	APRIL	9 5 12	9 0 37
	APRIL	12 14 2	13 3 18		MAY .	8 17 56	8 15 23
	MAY .	12 2 46	12 15 8		JUNE .	7 6 40	7 6 44
	JUNE .	10 15 30	11 0 26		○	22 1 2	21 23 43
	JULY .	10 4 14	10 8 6		JULY .	6 19 24	6 22 3
	AUG. .	8 16 58	8 15 14		AUG. .	5 8 8	5 12 46
	○	23 11 20	23 8 30		SEPT. .	3 20 52	4 2 27
	SEPT. .	7 5 42	6 22 55		OCT. .	3 9 36	3 15 5
	OCT. .	6 18 26	6 8 2		NOV. .	1 22 20	2 2 55
	NOV. .	5 7 10	4 19 15		DEC. ○	1 11 4	1 14 14
	DEC. .	4 19 54	4 8 52			16 5 26	16 1 59
						30 23 48	31 1 13
1896.	JAN. .	3 8 39	3 0 51	1899.	JAN. .	29 12 32	29 11 52
G.F.	FEB. .	1 21 23	1 18 30	C.	FEB. .	28 1 16	27 22 21
	○	16 15 45	16 22 30	8 22 2	MAR. .	29 14 1	29 8 59
8 4 35	MAR. .	2 10 7	2 12 43		APRIL	28 2 45	27 20 16
		31 22 51	1 6 15		MAY .	27 15 29	27 8 45
	APRIL	30 11 35	30 21 57		○	11 9 51	11 16 47
	MAY .	30 0 19	30 11 16		JUNE .	26 4 18	25 22 44
	JUNE .	28 13 3	28 22 12		JULY .	25 16 57	25 12 1
	JULY .	28 1 47	28 7 21		AUG. .	24 5 41	24 5 59
	○	11 20 9	11 9 30		SEPT. .	22 18 25	22 21 55
	AUG. .	26 14 31	26 15 41		OCT. .	22 7 9	22 13 9
	SEPT. .	25 8 15	25 0 10		NOV. .	20 19 53	21 8 15
	OCT. .	24 15 59	24 9 32		○	5 14 15	5 8 43
	NOV. .	23 4 43	22 20 17		DEC. .	20 8 37	20 16 11
	DEC. .	22 17 27	22 8 39				
1897.	JAN. .	21 6 11	20 22 35	1900.	JAN. .	13 21 22	19 3 46
E.	FEB. .	19 18 56	19 13 53	B.A.	FEB. .	17 10 6	17 14 6
8 10 24	MAR. .	21 7 40	21 6 18	8 8 51	MAR. .	17 22 50	17 23 23
	APRIL	19 20 24	19 22 52		APRIL	16 11 34	16 8 17
	MAY .	19 9 8	19 14 50		MAY .	16 0 18	15 17 24
	JUNE .	17 21 52	18 5 26		○	30 18 40	31 5 57
	JULY .	17 10 36	17 13 13		JUNE .	14 13 2	14 3 41
	AUG. .	15 23 20	16 5 35		JULY .	14 1 46	13 15 53
	SEPT. .	14 12 4	14 15 43		AUG. .	12 14 30	12 6 20
	OCT. .	14 0 48	14 1 41		SEPT. .	11 3 14	10 22 44
	NOV. .	12 13 32	12 11 49		OCT. .	10 15 53	10 16 15
	DEC. .	12 2 16	11 22 31		NOV. .	9 4 42	9 9 47
	○	26 20 38	27 2 43		DEC. .	8 17 26	9 2 16

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1901. G. March. d. h. m. 8 9 39		d. h. m.	d. h. m.	A.D. 1904. D.C. March. d. h. m. 8 3 6		d. h. m.	d. h. m.
	JAN. .	7 6 10	7 16 58		JAN. .	4 21 20	4 18 13
	FEB. .	5 18 54	6 5 29		FEB. .	3 10 4	3 13 27
	MAR. .	7 7 38	7 15 54		MAR. .	3 22 48	4 7 47
	APRIL	5 20 22	6 0 36		APRIL	2 11 32	2 23 55
	MAY .	5 9 6	5 8 17		MAY .	{ 2 0 16	2 13 11
	JUNE .	3 21 50	3 15 51			{ 31 13 0	31 23 39
	JULY .	3 10 34	3 0 21		JUNE .	30 1 44	30 8 3
	AUG. .	{ 1 23 18	1 10 48		JULY .	29 14 28	29 15 26
		{ 31 12 2	30 23 58		AUG. .	28 3 12	27 22 58
	SEPT. .	30 0 46	29 15 57		SEPT. .	26 15 56	26 7 21
	○	{ 14 19 8	14 17 43		OCT. .	26 4 40	25 17 35
	OCT. .	{ 29 13 30	29 10 4		NOV. .	24 17 24	24 6 1
	NOV. .	28 2 14	28 5 5		DEC. .	24 6 8	23 20 48
	DEC. .	27 14 58	27 23 31				
1902. F. 8 15 28	JAN. .	26 3 43	26 15 58	1905. B.	JAN. .	22 18 53	22 13 33
	FEB. .	24 16 27	25 5 43		○	{ 6 13 15	6 21 40
	MAR. .	26 5 11	26 16 40		FEB. .	{ 21 7 37	21 7 25
	○	{ 9 23 33	9 20 59	8 8 55	MAR. .	22 20 21	23 1 14
	APRIL	{ 24 17 55	25 1 19		APRIL	21 9 5	21 17 50
	MAY .	24 6 39	24 8 32		MAY .	20 21 49	21 8 21
	JUNE .	22 19 23	22 15 16		JUNE .	19 10 33	19 20 23
	JULY .	22 8 7	21 22 41		JULY .	18 23 17	19 6 33
	AUG. .	20 20 51	20 7 50		○	{ 2 17 39	2 6 3
	SEPT. .	19 9 35	18 19 40		AUG. .	{ 17 12 1	17 15 22
	○	{ 4 3 57	4 8 21		SEPT. .	16 0 45	15 23 53
	OCT. .	{ 18 22 19	18 10 35		OCT. .	15 13 29	15 8 56
	NOV. .	17 11 3	17 4 17		NOV. .	14 2 13	13 19 6
	DEC. .	16 23 47	16 23 40		DEC. .	13 14 57	13 6 39
1903. E. 8 21 17	JAN. .	15 12 32	15 19 6	1906. A.	JAN. .	{ 12 3 41	11 19 42
	FEB. .	14 1 16	14 12 54		○	{ 26 22 3	27 10 20
	MAR. .	{ 15 14 0	16 3 57		FEB. .	10 16 25	10 10 10
	○	{ 30 8 22	30 2 40	8 14 44	MAR. .	12 5 9	12 1 48
	APRIL	14 2 44	14 15 54		APRIL	10 17 53	10 13 5
	MAY .	13 15 23	14 1 10		MAY .	10 6 37	10 10 16
	JUNE .	12 4 12	12 8 36		JUNE .	8 19 21	9 1 38
	JULY .	11 16 56	11 15 17		JULY .	{ 8 8 5	8 15 27
	AUG. .	10 5 40	9 22 21		○	{ 23 2 27	22 15 21
	SEPT. .	{ 8 18 24	8 6 49		AUG. .	6 20 49	7 3 41
	○	{ 23 12 46	23 17 50		SEPT. .	5 9 33	5 14 36
	OCT. .	8 7 8	7 17 36		OCT. .	4 22 17	5 0 50
	NOV. .	6 19 52	6 7 14		NOV. .	3 11 1	3 11 2
	DEC. .	6 8 36	5 23 41		DEC. .	2 23 45	2 21 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1907. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1910. C. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. ○	1 12 29 16 6 51 31 1 13	1 8 32 16 16 1 30 20 4	8 13 59	JAN. .	27 16 24	28 3 47
March. <i>d. h. m.</i> 8 20 32	FEB. .	...	...		FEB. .	26 5 8	26 15 8
	MAR. .	1 13 58 31 2 42	1 8 16 30 21 19		MAR. .	27 17 52	28 0 29
	APRIL .	29 15 26	29 11 22		APRIL .	26 6 36	26 8 25
	MAY .	29 4 10	29 2 17		○	11 0 58	11 7 46
	JUNE .	27 16 54	27 17 40		MAY .	25 19 20	25 15 45
	○	12 11 16	12 6 47		JUNE .	24 8 4	23 23 31
	JULY .	27 5 38	27 8 51		JULY .	23 20 48	23 8 50
	AUG. .	25 18 22	25 23 18		AUG. .	22 9 32	21 20 37
	SEPT. .	24 7 6	24 12 45		SEPT. .	20 22 16	20 11 16
	OCT. .	23 19 50	24 1 14		OCT. .	20 11 0	20 4 34
	NOV. .	22 8 34	22 13 1		○	4 5 22	4 2 36
	DEC. .	21 21 18	22 0 15		NOV. .	18 23 44	18 23 29
					DEC. .	18 12 28	18 18 32
1908. F.E.	JAN. .	20 10 3	20 11 2	1911. B.	JAN. .	17 1 12	17 12 9
8 2 21	FEB. .	18 22 47	18 21 26	8 19 48	FEB. .	15 13 56	16 3 17
	MAR. .	19 11 31	19 7 39		MAR. .	17 2 41	17 15 32
	APRIL .	18 0 15	17 18 15		APRIL .	15 15 25	16 1 10
	MAY .	17 12 59	17 5 49		MAY .	15 4 9	15 8 51
	JUNE .	16 1 43	15 18 54		JUNE .	13 16 58	13 15 37
	JULY .	15 14 27	15 9 82		JULY .	13 5 37	12 22 32
	AUG. .	14 8 11	14 1 19		AUG. .	11 18 21	11 6 43
	SEPT. .	12 15 55	12 17 35		SEPT. .	10 7 5	9 17 10
	OCT. .	12 4 39	12 9 81		OCT. .	9 19 49	9 6 37
	NOV. .	10 17 23	11 0 82		NOV. .	8 8 33	7 23 5
	DEC. .	10 6 7	10 14 15		DEC. .	7 21 17	7 17 51
1909. D.	JAN. .	8 13 51	9 2 33	1912. A.G.	JAN. .	6 10 1	6 13 23
8 8 10	FEB. .	7 7 35	7 13 26	8 1 37	FEB. .	4 22 45	5 8 13
	MAR. .	8 20 19	8 23 4		MAR. .	5 11 29	6 0 40
	APRIL .	7 9 3	7 7 51		○	20 5 51	20 0 40
	MAY .	6 21 47	6 16 23		APRIL .	4 0 13	4 14 6
	○	21 16 9	22 3 49		MAY .	3 12 57	4 0 34
	JUNE .	5 10 31	5 1 51		JUNE .	2 1 41	2 8 44
	JULY .	4 23 15	4 12 54		JULY .	1 14 25	1 15 39
	AUG. .	3 11 59	3 2 12		○	31 3 9	30 22 29
	SEPT. .	2 0 43	1 17 46		AUG. .	29 15 53	29 6 14
	OCT. .	1 13 27	1 11 3		○	13 10 15	13 14 10
	○	31 2 11	31 4 57		SEPT. .	23 4 37	27 15 53
	NOV. .	14 20 33	14 11 9		OCT. .	27 17 21	27 4 8
	DEC. .	29 14 55	29 22 13		NOV. .	26 6 5	25 19 15
		29 3 39	29 14 8		DEC. .	25 18 49	25 12 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1913. F.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1916. C.R.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 8 7 25	JAN. .	24 7 34	24 7 46	March. <i>d. h. m.</i> 8 0 52	JAN. .	7 4 22	7 10 52
	FEB. .	22 20 18	23 2 36		FEB. .	21 22 44	21 18 39
	O	9 14 40	9 14 43		MAR. .	20 11 28	20 6 16
	MAR. .	24 9 2	24 19 50		MAR. .	21 0 12	20 18 38
	APRIL	22 21 46	23 10 31		APRIL	19 12 56	19 7 47
	MAY .	22 10 30	22 22 18		MAY .	19 1 40	18 22 5
	JUNE .	20 23 14	21 7 40		JUNE .	17 14 24	17 13 12
	JULY .	20 11 58	20 15 32		O	2 8 46	2 7 9
	AUG. .	19 0 42	18 22 58		JULY .	17 3 8	17 4 36
	O	2 19 4	2 15 22		AUG. .	15 15 52	15 19 39
	SEPT. .	17 13 26	17 7 0		SEPT. .	14 4 36	14 9 53
	OCT. .	17 2 10	16 16 25		OCT. .	13 17 20	13 23 8
	NOV. .	15 14 54	15 3 47		NOV. .	12 6 4	12 11 30
	DEC. .	15 3 38	14 17 24		DEC. .	11 18 48	11 23 9
					O	26 13 10	26 10 1
1914. E.	JAN. .	13 16 23	13 9 7	1917. A.	JAN. .	10 7 33	10 10 11
8 13 14	FEB. .	12 5 7	12 2 19	8 6 41	FEB. .	8 20 17	8 20 37
	O	26 23 29	27 7 3		MAR. .	10 9 1	10 6 39
	MAR. .	13 17 51	13 20 3		APRIL	8 21 45	8 16 43
	APRIL	12 6 35	12 13 13		MAY .	8 10 29	8 3 27
	MAY .	11 19 19	12 4 46		JUNE .	6 23 13	6 15 32
	JUNE .	10 8 3	10 18 7		O	21 17 35	22 0 6
	JULY .	9 20 47	10 5 16		JULY .	6 11 57	6 5 17
	AUG. .	8 9 31	8 14 48		AUG. .	5 0 41	4 20 37
	O	23 3 53	22 16 28		SEPT. .	3 13 25	3 12 55
	SEPT. .	6 22 15	6 23 34		OCT. .	3 2 9	3 5 23
	OCT. .	6 10 59	6 8 29		NOV. .	1 14 53	1 21 13
	NOV. .	4 23 43	4 18 13		DEC. O	1 3 37	1 11 51
	DEC. .	4 12 27	4 5 6			15 21 59	15 12 9
						30 16 21	31 1 0
1915. D.	JAN. .	3 1 11	2 17 21	1918. G.	JAN. .	29 5 5	29 12 33
8 19 3	FEB. .	1 13 55	1 6 56	8 12 30	FEB. .	27 17 49	27 22 39
	MAR. .	3 2 39	2 21 45		MAR. .	29 6 33	29 7 34
	APRIL	1 15 23	1 13 30		APRIL	27 19 17	27 15 57
	MAY .	1 4 7	1 5 36		MAY .	27 8 1	27 0 33
		30 16 51	30 21 22		O	11 2 23	11 12 57
	JUNE .	29 5 35	29 12 2		JUNE .	25 20 45	25 10 36
	JULY .	28 18 19	29 1 14		JULY .	25 9 29	24 22 39
	AUG. .	27 7 3	27 13 0		AUG. .	23 22 13	23 13 10
	SEPT. .	25 19 47	25 23 47		SEPT. .	22 10 57	22 5 50
	OCT. .	25 8 31	25 10 10		OCT. .	21 23 41	21 23 46
	NOV. .	23 21 15	23 20 33		NOV. .	20 12 25	20 17 49
	DEC. .	23 9 59	23 7 27		DEC. .	20 1 9	20 10 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1919.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1922.		<i>d. h. m.</i>	<i>d. h. m.</i>
F. March. <i>d. h. m.</i> 8 18 18	JAN. .	18 18 54	19 1 32	B. March. <i>d. h. m.</i> 8 11 45	JAN. .	15 5 4	15 2 12
	FEB. .	17 2 38	17 13 59		FEB. .	13 17 48	13 21 7
	MAR. .	18 15 22	19 0 9		MAR. .	15 6 32	15 15 10
	APRIL	17 4 6	17 8 32		APRIL	13 19 16	14 7 7
	MAY .	16 16 50	16 15 52		MAY .	13 8 0	13 20 18
	JUNE .	15 5 34	14 23 10		JUNE .	11 20 44	12 6 50
	JULY .	14 18 18	14 7 31		JULY .	11 9 28	11 15 24
	AUG. .	13 7 2	12 17 57		AUG. .	9 22 12	9 23 4
	SEPT. .	11 19 46	11 7 13		SEPT. .	8 10 56	8 6 51
	OCT. .	11 8 30	10 23 23		OCT. .	7 23 40	7 15 39
	○	26 2 52	26 1 56		NOV. .	6 12 24	6 2 6
	NOV. .	9 21 14	9 17 48		DEC. .	6 1 8	5 14 37
	DEC. .	9 9 58	9 13 5				
1920.	JAN. .	7 22 42	8 7 40	1923.	JAN. .	4 13 52	4 5 12
E.D. 8 0 7	FEB. .	6 11 26	7 0 10	A. 8 17 34	FEB. .	3 2 36	2 21 32
	MAR. .	7 0 10	7 13 48		○	17 20 58	18 6 14
	APRIL	5 12 54	6 0 34		MAR. .	4 15 20	4 14 55
	○	20 7 16	20 4 0		APRIL	3 4 4	3 8 18
	MAY .	5 1 38	5 8 59		MAY .	2 16 48	3 0 38
	JUNE .	3 14 22	3 16 1		JUNE .	1 5 32	1 15 6
	JULY .	3 3 6	2 22 41		○	30 18 16	1 3 24
	AUG. .	1 15 50	1 6 7		JULY .	30 7 0	30 18 49
	SEPT. .	31 4 34	30 15 23		○	14 1 22	13 13 1
	○	29 17 18	29 3 20		AUG. .	28 19 44	28 23 4
	OCT. .	14 11 40	14 16 32		SEPT. .	27 8 23	27 8 8
	NOV. .	27 18 46	27 12 12		OCT. .	26 21 12	26 17 29
	DEC. .	27 7 30	27 7 37		NOV. .	25 9 56	25 8 54
					DEC. .	24 22 40	24 15 27
1921.	JAN. .	25 20 14	26 2 58	1924.	JAN. .	23 11 24	23 4 14
C. 8 5 56	FEB. .	24 8 59	24 20 40	G.F. 7 23 23	○	7 5 46	7 18 41
	MAR. .	25 21 43	26 11 35		FEB. .	22 0 9	21 18 12
	○	9 16 5	9 10 15		MAR. .	22 12 53	22 9 14
	APRIL	24 10 27	24 23 24		APRIL	21 1 37	21 1 0
	MAY .	23 23 11	24 8 34		MAY .	20 14 21	20 16 52
	JUNE .	22 11 55	22 15 59		JUNE .	19 3 5	19 8 9
	JULY .	22 0 39	21 22 47		JULY .	18 15 49	18 22 13
	AUG. .	20 13 23	20 6 8		○	2 10 11	1 22 42
	SEPT. .	19 2 7	18 14 45		AUG. .	17 4 33	17 10 54
	○	3 20 29	4 1 26		SEPT. .	15 17 17	15 22 22
	OCT. .	18 14 51	18 1 44		OCT. .	15 6 1	15 9 10
	NOV. .	17 3 35	16 15 28		NOV. .	13 18 45	13 19 46
	DEC. .	16 16 19	16 7 52		DEC. .	13 7 29	13 6 30

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1925.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1928.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.	JAN. .	{ 11 20 14	11 17 27	B.A.	JAN. .	9 11 24	9 22 38
March.	○	{ 26 14 36	27 0 3	March.	FEB. .	8 0 8	8 12 18
<i>d. h. m.</i>	FEB. .	10 8 58	10 4 39	<i>d. h. m.</i>	MAR. .	8 12 52	8 23 29
8 5 11	MAR. .	11 21 42	11 16 18	7 22 38	APRIL	7 1 36	7 8 30
	APRIL	10 10 26	10 4 44		MAY .	{ 6 14 20	6 16 6
	MAY .	9 23 10	9 18 14		○	{ 21 8 42	21 14 23
	JUNE .	8 11 54	8 8 50		JUNE .	5 3 4	4 23 11
	JULY .	{ 8 0 38	8 0 8		JULY .	4 15 43	4 6 43
	○	{ 22 19 0	22 14 17		AUG. .	3 4 32	2 16 3
	AUG. .	6 13 22	6 15 34		SEPT. .	1 17 16	{ 1 3 52
	SEPT. .	5 2 6	5 6 30		○	{ 1 6 0	{ 30 18 41
	OCT. .	4 14 50	4 20 33		NOV. .	{ 14 13 6	14 11 24
	NOV. .	3 3 34	3 9 38		DEC. .	{ 29 7 23	29 7 23
	DEC. .	2 16 18	2 21 49			28 20 12	29 2 36
1926.	JAN. .	{ 1 5 2	1 9 12				
D.	FEB. .	{ 30 17 46	30 19 51	1929.	JAN. .	27 8 56	27 20 19
8 11 0	MAR. .	{ 1 6 30	1 5 53	G.	FEB. .	25 21 40	26 11 24
	APRIL	29 7 58	29 1 39	8 4 27	MAR. .	27 10 24	27 23 28
	MAY .	28 20 42	28 12 44		APRIL	25 23 8	26 8 52
	JUNE .	27 9 26	27 1 30		MAY .	25 11 52	25 16 23
	JULY .	26 22 10	26 16 5		JUNE .	24 0 36	23 23 3
	AUG. .	25 10 54	25 8 5		JULY .	23 13 20	23 5 59
	SEPT. .	23 23 33	24 0 43		AUG. .	22 2 4	21 14 16
	OCT. .	23 12 22	23 17 19		SEPT. .	20 14 43	20 0 52
	NOV. .	22 1 6	22 8 52		OCT. .	20 3 32	19 14 27
	DEC. .	21 13 50	21 22 57		NOV. .	18 16 16	18 7 1
					DEC. .	18 5 0	18 1 43
1927.	JAN. .	20 2 35	20 11 22	1930.	JAN. .	16 17 44	16 21 22
C.	FEB. .	18 15 19	18 22 5	F.	FEB. .	15 6 29	15 16 0
8 16 49	MAR. .	20 4 3	20 7 21	8 10 16	MAR. .	{ 16 19 13	17 8 13
	APRIL	18 16 47	18 15 41		○	{ 31 13 35	31 8 29
	MAY .	18 5 31	17 23 54		APRIL	15 7 57	15 21 36
	○	{ 1 23 53	2 10 44		MAY .	14 20 41	15 7 57
	JUNE .	{ 16 13 15	16 8 57		JUNE .	13 9 25	13 16 7
	JULY .	16 6 59	15 19 47		JULY .	12 22 9	12 23 8
	AUG. .	14 19 43	14 9 3		AUG. .	11 10 53	11 6 8
	SEPT. .	13 8 27	13 0 43		SEPT. .	{ 9 23 37	9 14 8
	OCT. .	12 21 11	12 18 47		○	{ 24 17 59	24 21 33
	NOV. .	{ 11 9 55	11 12 43		OCT. .	9 12 21	9 0 1
	○	{ 26 4 17	25 19 54		NOV. .	8 1 5	7 12 26
	DEC. .	10 22 39	11 6 34		DEC. .	7 13 49	7 3 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1931.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1933.		<i>d. h. m.</i>	<i>d. h. m.</i>
E. March.	JAN. .	6 2 34	5 20 56	B. March.	JAN. .	13 8 55	13 2 3
<i>d. h. m.</i>	FEB. .	4 15 18	4 15 31	<i>d. h. m.</i>	FEB. .	11 21 39	11 15 13
8 16 4	MAR. .	{ 6 4 2	6 10 4	8 3 42	MAR. .	13 10 23	13 5 26
	○	{ 20 22 24	20 22 56		APRIL	11 23 7	11 20 36
	APRIL	4 16 46	5 3 3		MAY .	11 11 51	11 12 17
	MAY .	4 5 30	4 17 35		JUNE .	10 0 35	10 3 51
	JUNE .	2 18 14	3 5 23		JULY .	9 13 19	9 18 39
	JULY .	{ 2 6 58	2 14 55		AUG. .	8 2 3	8 8 13
		{ 31 19 42	31 23 2		SEPT. .	6 14 47	6 20 32
	AUG. .	30 8 26	30 6 44		OCT. .	6 3 31	6 7 54
	○	{ 14 2 48	13 22 23		NOV. .	4 16 15	4 18 47
	SEPT. .	{ 28 21 10	28 15 12		DEC. .	4 4 59	4 5 34
	OCT. .	23 9 54	23 0 54				
	NOV. .	26 22 38	26 12 26				
	DEC. .	26 11 22	26 1 57				
1932.				1934.			
D.C.	JAN. .	25 0 6	24 17 17	A.	JAN. .	{ 2 17 43	2 16 25
	FEB. .	23 12 50	23 10 0	8 9 31	○	{ 17 12 5	17 18 51
	○	{ 9 7 12	9 15 24		FEB. .	1 6 27	1 3 21
7 21 53	MAR. .	{ 24 1 31	24 3 16		MAR. .	2 19 11	2 14 31
	APRIL	22 14 18	22 20 4		APRIL	{ 1 7 55	1 2 12
	MAY .	22 3 2	22 11 29			{ 30 20 39	30 14 51
	JUNE .	20 15 46	21 0 55		MAY .	30 9 23	30 4 42
	JULY .	20 4 30	20 12 21		JUNE .	28 22 7	28 19 37
	AUG. .	18 17 14	18 22 18		○	{ 13 16 29	13 14 37
	○	{ 2 11 36	1 23 34		JULY .	{ 28 10 51	28 11 9
	SEPT. .	{ 17 5 58	17 7 33		AUG. .	26 23 35	27 2 36
	OCT. .	16 18 42	16 17 4		SEPT. .	25 12 19	25 17 25
	NOV. .	15 7 26	15 2 53				
	DEC. .	14 20 10	14 13 53				

TABLE
OF
VERNAL EQUINOXES AND NEW MOONS
IN
"NEW STYLE"

FROM THE ENGLISH REFORMATION OF THE CALENDAR
A.D. 1752 TO A.D. 1934.

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1752.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1755.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .			E. March. d. h. m. 21 0 50	JAN. .	13 0 12	12 15 22
	FEB. .				FEB. .	11 12 56	11 7 13
	MAR. .				MAR. .	13 1 40	13 0 14
	APRIL				○	27 20 2	28 3 7
	MAY .				APRIL	11 14 24	11 17 28
	JUNE .				MAY .	11 3 8	11 9 58
	JULY .				JUNE .	9 15 52	10 0 47
	AUG. .				JULY .	9 4 36	9 13 34
	SEPT. .				AUG. .	7 17 20	8 0 29
	OCT. .	8 3 39	7 13 38		SEPT. .	6 6 4	6 10 6
	NOV. .	6 16 23	6 4 10		○	21 0 26	20 13 9
	DEC. .	6 5 7	5 21 33		OCT. .	5 18 43	5 19 13
1753.					NOV. .	4 7 32	4 4 46
G. March. d. h. m. 20 13 13	JAN. .	4 17 51	4 16 44	1756.	DEC. .	3 20 16	3 15 5
	FEB. .	3 6 35	3 12 11	D.C.	JAN. .	2 9 0	2 2 26
	MAR. .	4 19 19	5 6 14		FEB. .	81 21 45	31 14 52
	APRIL	3 8 3	3 21 39		...	...	...
	○	18 2 25	17 20 46		MAR. .	1 10 29	1 4 23
	MAY .	2 20 47	3 10 0	20 6 39	APRIL	30 23 13	30 18 56
	JUNE .	1 9 31	1 19 35		MAY .	29 11 57	29 10 20
	JULY .	30 22 15	1 3 17		JUNE .	29 0 41	29 2 6
	AUG. .	30 10 59	30 10 10		JULY .	27 13 25	27 17 30
	SEPT. .	28 23 43	28 17 22		AUG. .	27 2 9	27 7 56
	○	27 12 27	27 1 51		SEPT. .	25 14 53	25 21 5
	OCT. .	12 6 49	12 11 15		OCT. .	24 3 37	24 9 1
	NOV. .	27 1 11	26 12 27		NOV. .	23 16 21	23 20 9
	DEC. .	25 13 55	25 1 40		DEC. .	22 5 5	22 6 58
		25 2 39	24 17 34			21 17 49	21 17 45
1754.				1757.			
F. 20 19 2	JAN. .	23 15 24	23 11 30	B.	JAN. .	20 6 34	20 4 39
	FEB. .	22 4 8	22 6 16		○	4 0 56	4 9 27
	MAR. .	23 16 52	24 0 26		FEB. .	13 19 18	13 15 39
	○	7 11 14	7 10 34	20 12 23	MAR. .	20 8 2	20 2 57
	APRIL	22 5 36	22 16 45		APRIL	13 20 46	13 14 57
	MAY .	21 13 20	22 6 27		MAY .	13 9 30	13 8 57
	JUNE .	20 7 4	20 17 28		JUNE .	16 22 14	16 18 11
	JULY .	19 19 43	20 2 27		JULY .	16 10 58	16 9 21
	AUG. .	18 8 32	18 10 20		○	31 5 20	31 1 40
	SEPT. .	16 21 16	16 18 12		AUG. .	14 23 42	15 0 56
	○	1 15 33	1 12 39		SEPT. .	13 12 26	13 13 13
	OCT. .	16 10 0	16 2 54		OCT. .	13 1 10	13 6 43
	NOV. .	14 22 44	14 13 7		NOV. .	11 13 54	11 20 15
	DEC. .	14 11 28	14 1 15		DEC. .	11 2 38	11 8 47

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1758.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1761.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	{ 9 15 22	9 20 24	March.	JAN. .	6 6 32	6 11 54
<i>d. h. m.</i>	○	{ 24 9 44	24 8 49	<i>d. h. m.</i>	FEB. .	4 19 16	5 6 2
20 18 17	FEB. .	8 4 6	8 7 8	20 11 43	MAR. .	6 8 0	6 21 38
	MAR. .	9 16 50	9 17 5		APRIL	4 20 44	5 10 13
	APRIL	8 5 34	8 2 37		MAY .	{ 4 9 28	4 19 59
	MAY .	7 18 18	7 12 18		○	{ 19 3 50	19 0 23
	JUNE .	6 7 2	5 22 57		JUNE .	2 22 12	3 3 43
	JULY .	{ 5 19 46	5 11 12		JULY .	{ 2 10 56	2 10 26
	○	{ 20 14 8	20 18 42		AUG. .	31 23 40	31 17 15
	AUG. .	4 8 30	4 1 25		SEPT. .	30 12 24	30 1 14
	SEPT. .	2 21 14	2 17 18		OCT. .	29 1 8	28 11 25
	OCT. .	{ 2 9 58	2 10 8		○	{ 12 8 14	12 13 24
	NOV. .	30 11 26	30 19 2		NOV. .	{ 27 2 36	26 16 32
	DEC. .	30 0 10	30 9 35		DEC. .	26 15 20	26 10 59
1759.				1762.			
G.				C.			
21 0 6	JAN. .	{ 13 18 32	13 10 22	20 17 32	JAN. .	25 4 5	25 6 29
	FEB. .	{ 23 12 55	23 22 22		FEB. .	23 16 49	24 1 21
	MAR. .	27 1 39	27 9 18		MAR. .	25 5 33	25 18 6
	APRIL	23 14 23	23 18 41		APRIL	23 18 17	24 7 55
	MAY .	27 3 7	27 2 57		○	{ 8 12 39	8 6 5
	JUNE .	26 15 51	26 10 56		MAY .	{ 23 7 1	23 18 46
	JULY .	25 4 35	24 19 37		JUNE .	21 19 45	22 3 17
	AUG. .	24 17 19	24 5 57		JULY .	21 8 29	21 10 29
	SEPT. .	23 6 3	22 18 43		AUG. .	19 21 13	19 17 30
	OCT. .	21 18 47	21 10 6		SEPT. .	18 9 57	18 1 21
	NOV. .	21 7 31	21 3 35		OCT. .	17 22 41	17 10 56
	DEC. .	19 20 15	19 22 5		○	{ 1 17 3	1 22 50
		19 8 59	19 16 14		NOV. .	{ 16 11 25	15 22 54
1760.	JAN. .	17 21 44	18 8 49	1763.	DEC. .	16 0 9	15 13 30
FEB.	FEB. .	16 10 28	16 22 59	B.			
20 5 55	MAR. .	16 23 12	17 10 32	20 23 21	JAN. .	14 12 54	14 6 25
	APRIL	15 11 56	15 19 48		FEB. .	13 1 38	13 0 46
	MAY .	{ 15 0 40	15 3 28		MAR. .	14 14 22	14 19 14
	○	{ 29 19 2	29 23 41		APRIL	13 3 6	13 12 27
	JUNE .	13 13 24	13 10 28		MAY .	12 15 50	13 3 26
	JULY .	13 2 8	12 17 49		JUNE .	11 4 34	11 15 47
	AUG. .	11 14 52	11 2 39		JULY .	10 17 18	11 1 45
	SEPT. .	10 3 36	9 13 58		AUG. .	9 6 2	9 10 12
	OCT. .	9 16 20	9 4 17		SEPT. .	7 18 46	7 18 8
	NOV. .	{ 8 5 4	7 21 26		OCT. .	7 7 30	7 2 31
	○	{ 22 23 26	22 22 40		NOV. .	5 20 14	5 12 4
	DEC. .	7 17 48	7 16 30		DEC. .	5 8 58	4 23 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1764.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1767.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.G. March. <i>d. h. m.</i> 20 5 10	JAN. .	3 21 42	3 12 22	D. March. <i>d. h. m.</i> 20 22 36	JAN. .	30 1 36	30 6 19
	FEB. .	2 10 26	2 3 14		FEB. .	28 14 20	28 16 30
	MAR. .	{ 2 23 10	2 19 31		MAR. .	30 3 4	30 1 58
	○	{ 17 17 32	18 2 38		APRIL	28 15 48	28 11 13
	APRIL	1 11 54	1 12 30		MAY .	28 4 32	27 21 2
	MAY .	{ 1 0 38	1 5 17		JUNE .	26 17 16	26 8 14
		{ 30 13 22	30 20 57		JULY .	26 6 0	25 21 24
	JUNE .	29 2 6	29 10 50		AUG. .	24 18 44	24 12 32
	JULY .	28 14 50	28 22 45		SEPT. .	23 7 28	23 5 10
	AUG. .	27 3 34	27 9 7		OCT. .	22 20 12	22 22 24
	○	{ 10 21 56	10 9 19		NOV. .	21 8 56	21 15 13
	SEPT. .	{ 25 16 18	25 18 41		DEC. .	20 21 40	21 6 46
	OCT. .	25 5 2	25 4 11		○	{ 4 16 2	4 6 36
	NOV. .	23 17 46	23 14 14	1768.	JAN. .	{ 19 10 25	19 20 35
	DEC. .	23 6 30	23 1 5	C.B. 20 4 25	FEB. .	17 23 9	18 8 23
1765.	JAN. .	21 19 15	21 12 54		MAR. .	18 11 53	18 18 21
F.	FEB. .	20 7 59	20 1 33		APRIL	17 0 37	17 2 54
	○	{ 7 2 21	7 15 52		MAY .	16 13 21	16 10 44
20 10 59	MAR. .	{ 21 20 43	21 15 24		JUNE .	{ 15 2 5	14 18 45
	APRIL	20 9 27	20 6 8		○	{ 29 20 27	30 6 11
	MAY .	19 22 11	19 21 33		JULY .	14 14 49	14 4 2
	JUNE .	18 10 55	18 13 6		AUG. .	13 8 33	12 15 29
	JULY .	17 23 39	18 4 10		SEPT. .	11 16 17	11 5 37
	AUG. .	{ 16 12 23	16 18 9		OCT. .	11 5 1	10 22 18
	○	{ 31 6 45	30 18 2		NOV. .	9 17 45	9 16 33
	SEPT. .	15 1 7	15 6 56		DEC. .	{ 9 6 29	9 11 19
	OCT. .	14 13 51	14 18 43		○	{ 24 0 51	23 17 14
	NOV. .	13 2 35	13 5 53	1769.	JAN. .	7 19 13	8 4 56
	DEC. .	12 15 19	12 16 49	A.	FEB. .	6 7 58	6 20 25
1766.	JAN. .	11 4 3	11 3 40	20 10 14	MAR. .	7 20 42	8 9 13
E.	FEB. .	{ 9 16 43	9 14 30		APRIL	6 9 26	6 19 27
	○	{ 24 11 10	24 22 12		MAY .	5 22 10	6 4 10
20 16 43	MAR. .	11 5 32	11 1 23		JUNE .	{ 4 10 54	4 10 45
	APRIL	9 13 16	9 12 41		○	{ 19 5 16	19 10 33
	MAY .	9 7 0	9 0 51		JULY .	3 23 38	3 17 43
	JUNE .	7 19 44	7 14 15		AUG. .	2 12 22	{ 1 23 39
	JULY .	7 8 28	7 4 55			{ 1 1 6	{ 31 11 33
	AUG. .	{ 5 21 12	5 20 25		SEPT. .	{ 30 13 50	30 0 29
	○	{ 20 15 34	20 9 3		OCT. .	30 2 34	29 16 23
	SEPT. .	4 9 56	4 12 6		NOV. .	28 15 18	28 10 44
	OCT. .	3 22 40	4 3 20		○	{ 13 9 40	13 8 25
	NOV. .	2 11 24	2 17 40		DEC. .	{ 28 4 2	28 6 16
	DEC. .	{ 2 0 8	2 6 57				
		{ 31 12 52	31 19 10				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1770. G. March. d. h. m. 20 16 3	JAN. .	d. h. m. 26 16 46	d. h. m. 27 1 15	A.D. 1773. C. March. d. h. m. 20 9 29	JAN. .	d. h. m. 23 7 56	d. h. m. 22 23 49
	FEB. .	25 5 30	25 18 12		FEB. .	21 20 40	21 15 13
	MAR. .	26 18 14	27 8 13		MAR. .	23 9 24	23 7 40
	APRIL	25 6 58	25 19 15		○	{ 7 3 46	7 11 14
	MAY .	24 19 42	25 3 48		APRIL	{ 21 22 8	22 0 27
	JUNE .	23 8 26	23 10 52		MAY .	21 10 52	21 16 33
	JULY .	22 21 10	22 17 30		JUNE .	19 23 36	20 7 26
	AUG. .	21 9 54	21 0 50		JULY .	19 12 20	19 20 27
	SEPT. .	19 22 38	19 9 53		AUG. .	18 1 4	18 7 44
	OCT. .	19 11 22	18 21 32		SEPT. .	16 13 48	{ 16 17 51
	NOV. .	18 0 6	17 12 12		○	{ 1 8 10	{ 30 20 28
	DEC. .	17 12 50	17 5 35		OCT. .	{ 16 2 32	16 3 33
					NOV. .	14 15 16	14 13 29
					DEC. .	14 4 0	14 0 1
1771. F. 20 21 52	JAN. .	16 1 35	16 0 42	1774. B. 20 15 18	JAN. .	12 16 45	12 11 19
	FEB. .	14 14 19	14 19 59		FEB. .	11 5 29	10 23 25
	MAR. .	16 8 3	16 13 50		MAR. .	12 18 13	12 12 28
	APRIL	{ 14 15 47	15 5 6		APRIL	11 6 57	11 2 20
	○	{ 29 10 9	29 4 19		MAY .	10 19 41	10 17 11
	MAY .	14 4 31	14 17 20		JUNE .	9 8 25	9 8 37
	JUNE .	12 17 15	13 2 54		JULY .	8 21 9	8 23 59
	JULY .	12 5 59	12 10 40		AUG. .	7 9 53	7 14 41
	AUG. .	10 18 43	10 17 45		SEPT. .	5 22 37	6 4 18
	SEPT. .	9 7 27	9 1 12		OCT. .	5 11 21	5 16 51
	OCT. .	{ 8 20 11	8 9 57		NOV. .	4 0 5	4 4 23
	○	{ 23 14 33	23 18 56		DEC. .	3 12 49	3 15 46
	NOV. .	7 8 56	6 20 48				
	DEC. .	6 21 40	6 10 7				
1772. E.D. 20 3 41	JAN. .	5 10 24	5 1 51	1775. A. 20 21 7	JAN. .	{ 2 1 33	2 2 45
	FEB. .	3 23 8	3 19 28		{ 31 14 17	31 13 30	31 13 30
	MAR. .	4 11 52	4 13 50		FEB. ○	15 8 39	15 17 19
	APRIL	{ 3 0 35	3 7 39		{ 2 3 1	2 0 8	2 0 8
	○	{ 17 18 57	17 18 32		MAR. .	{ 31 15 45	31 10 54
	MAY .	2 13 19	2 23 45		APRIL	30 4 29	29 22 17
	JUNE .	{ 1 2 3	1 13 22		MAY .	29 17 13	29 10 47
	{ 30 14 47	{ 1 0 31	1 0 31		JUNE .	28 5 57	28 0 41
	JULY .	30 3 31	{ 30 9 45		JULY .	27 18 41	27 15 49
	AUG. .	23 16 15	23 18 0		○	{ 11 13 3	11 9 14
	SEPT. .	27 4 59	27 2 15		AUG. .	{ 26 7 25	26 7 33
	○	{ 11 23 21	11 19 54		SEPT. .	24 20 9	24 23 26
	OCT. .	{ 26 17 43	26 11 19		OCT. .	21 8 53	24 14 33
	NOV. .	25 6 27	24 21 48		NOV. .	22 21 37	23 4 39
	DEC. .	24 19 11	24 9 57		DEC. .	22 10 21	22 17 34

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1776. G.F.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1779. C.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 20 2 56	JAN. .	20 23 6	21 5 19	March. <i>d. h. m.</i> 20 20 22	JAN. .	17 14 15	17 19 55
	○	{ 4 17 28	4 16 41		FEB. .	16 2 59	16 14 1
	FEB. .	{ 19 11 50	19 15 53		MAR. .	17 15 44	18 5 33
	MAR. .	20 0 34	20 1 27		APRIL	16 4 28	16 17 57
	APRIL	18 13 18	18 10 29		MAY .	{ 15 17 12	16 3 34
	MAY .	18 2 2	17 19 41		○	{ 30 11 34	30 7 7
	JUNE .	16 14 46	16 5 55		JUNE .	14 5 56	14 11 11
	JULY .	{ 16 3 30	15 17 55		JULY .	13 18 40	13 17 55
	○	{ 30 21 52	31 4 8		AUG. .	12 7 24	12 0 48
	AUG. .	14 16 14	14 8 5		SEPT. .	10 20 8	10 8 57
	SEPT. .	13 4 53	13 0 11		OCT. .	10 8 52	9 19 20
	OCT. .	12 17 42	12 17 27		NOV. .	{ 8 21 36	8 8 32
	NOV. .	11 6 26	11 10 52		○	{ 23 15 58	23 21 58
	DEC. .	10 19 10	11 3 23		DEC. .	8 10 20	8 0 39
1777. E.	JAN. .	{ 9 7 54	9 18 14	1780. B.A.	JAN. .	6 23 4	6 19 2
20 8 45	○	{ 24 2 16	23 18 41	20 2 11	FEB. .	5 11 49	5 14 20
	FEB. .	7 20 38	8 7 2		MAR. .	6 0 33	6 9 0
	MAR. .	9 9 22	9 17 47		APRIL	4 13 17	5 1 33
	APRIL	7 22 6	8 2 48		MAY .	{ 4 2 1	4 15 13
	MAY .	7 10 50	7 10 43		○	{ 18 20 23	18 13 20
	JUNE .	5 23 34	5 18 20		JUNE .	2 14 45	3 2 2
	JULY .	{ 5 12 18	5 2 43		JULY .	{ 2 3 29	2 10 37
	○	{ 20 6 40	20 15 10		○	{ 31 16 13	31 17 59
	AUG. .	4 1 2	3 12 56		AUG. .	30 4 57	30 1 14
	SEPT. .	2 13 46	2 1 43		SEPT. .	23 17 41	23 9 24
	○	{ 2 2 30	1 17 17		OCT. .	23 6 25	27 19 16
	○	{ 31 15 14	31 11 5		○	{ 12 0 47	12 6 51
	NOV. .	30 8 53	30 5 57		NOV. .	{ 26 19 9	26 7 23
	DEC. .	29 16 42	30 0 25		DEC. .	26 7 53	25 21 54
1778. D.	JAN. .	28 5 26	28 17 9	1781. G.	JAN. .	24 20 37	24 14 33
20 14 31	FEB. .	26 18 10	27 7 16	20 8 0	FEB. .	23 9 21	23 8 29
	MAR. .	23 6 55	23 18 40		MAR. .	24 22 5	25 2 33
	APRIL	26 19 39	27 3 39		APRIL	23 10 49	23 19 28
	MAY .	26 8 23	26 11 5		MAY .	22 23 33	23 10 19
	JUNE .	24 21 7	24 17 53		JUNE .	21 12 17	21 22 43
	JULY .	24 9 51	24 1 9		JULY .	21 1 1	21 8 55
	AUG. .	22 22 35	22 10 1		AUG. .	19 13 45	19 17 42
	SEPT. .	21 11 19	20 21 24		SEPT. .	18 2 29	18 2 3
	OCT. .	21 0 3	20 11 52		OCT. .	17 15 13	17 10 50
	NOV. .	19 12 47	19 5 13		NOV. .	16 3 57	15 20 43
	○	{ 4 7 9	4 7 30		DEC. .	15 16 41	15 8 3
	DEC. .	{ 19 1 31	19 0 24				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1782. F. March. d. h. m. 20 13 49		d. h. m.	d. h. m.	A.D. 1785. B. March. d. h. m. 20 7 15		d. h. m.	d. h. m.
	JAN. .	14 5 25	13 20 59		JAN. .	10 20 35	11 4 2
	FEB. .	12 18 9	12 11 27		FEB. .	9 9 19	9 15 6
	MAR. .	14 6 54	14 3 11		MAR. .	10 22 4	11 1 0
	○	29 1 16	29 10 51		APRIL	9 10 48	9 10 2
	APRIL	12 19 38	12 19 37		MAY .	8 23 32	8 18 49
	MAY .	12 8 22	12 12 1		JUNE .	7 12 16	7 4 11
	JUNE .	10 21 6	11 3 31		JULY .	7 1 0	6 15 4
	JULY .	10 9 50	10 17 31		AUG. .	5 13 44	5 4 6
	AUG. .	8 22 34	9 5 48		SEPT. .	4 2 28	3 19 21
	SEPT. .	7 11 18	7 16 40		OCT. .	3 15 12	3 12 19
	○	22 5 40	21 16 38		NOV. .	2 3 56	2 6 3
	OCT. .	7 0 2	7 2 46		DEC. .	1 16 40	1 23 22
	NOV. .	5 12 46	5 12 45			31 5 24	31 15 19
	DEC. .	5 1 30	4 23 6		○	14 23 46	14 15 4
1783. E. 20 19 38	JAN. .	3 14 14	3 10 3	1786. A. 20 13 4	JAN. .	29 18 8	30 5 18
	FEB. .	2 2 59	1 21 37		FEB. .	23 6 52	28 16 55
	MAR. .	3 15 43	3 9 53		MAR. .	29 19 36	30 2 35
	○	18 10 5	18 23 55		APRIL	28 8 20	28 10 47
	APRIL	2 4 26	1 23 2		MAY .	27 21 4	27 18 16
	MAY .	1 17 10	1 13 9		JUNE .	26 9 48	26 2 1
	○	31 5 54	31 4 9		○	11 4 10	11 13 3
	JUNE .	29 18 38	29 19 32		JULY .	25 22 32	25 11 7
	JULY .	29 7 22	29 10 43		AUG. .	24 11 16	23 22 31
	AUG. .	27 20 6	28 1 8		SEPT. .	23 0 0	22 12 46
	○	11 14 28	11 1 37		OCT. .	22 12 44	22 5 41
	SEPT. .	26 8 50	26 14 28		NOV. .	21 1 23	21 0 21
	OCT. .	25 21 34	26 2 51		DEC. .	20 14 12	20 19 21
	NOV. .	24 10 18	24 14 32		○	4 8 34	4 2 4
	DEC. .	23 23 2	24 1 45	1787. G. 20 18 53	JAN. .	19 2 57	19 13 12
1784. D.C. 20 1 27	JAN. .	22 11 47	22 12 38		FEB. .	17 15 41	18 4 43
	FEB. .	21 0 31	20 23 9		MAR. .	19 4 25	19 17 22
	○	6 18 53	7 5 56		APRIL	17 17 9	18 3 22
	MAR. .	21 13 15	21 9 33		MAY .	17 5 53	17 11 21
	APRIL	20 1 59	19 20 16		JUNE .	15 18 37	15 18 14
	MAY .	19 14 43	19 7 53		○	30 12 59	30 17 1
	JUNE .	18 3 27	17 20 54		JULY .	15 7 21	15 1 5
	JULY .	17 16 11	17 11 23		AUG. .	13 20 5	13 9 1
	AUG. .	16 4 55	16 3 1		SEPT. .	12 8 49	11 19 5
	○	30 23 17	30 16 46		OCT. .	11 21 33	11 8 5
	SEPT. .	14 17 39	14 19 6		NOV. .	10 10 17	10 0 8
	OCT. .	14 6 23	14 10 54		DEC. .	9 23 1	9 18 38
	NOV. .	12 19 7	13 1 51		○	24 17 23	24 17 22
	DEC. .	12 7 51	12 15 36				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1788. F.E. March. <i>d. h. m.</i> 20 0 42		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1791. B. March. <i>d. h. m.</i> 20 18 8		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	8 11 45	8 14 13		JAN. .	5 2 55	4 18 42
	FEB. .	7 0 30	7 9 13		FEB. .	3 15 40	3 8 15
	MAR. .	7 13 14	8 2 5		MAR. .	5 4 24	4 23 8
	APRIL	6 1 53	6 15 53		APRIL	{ 3 17 8	3 15 0
	MAY .	5 14 42	6 2 50		○	{ 18 11 30	18 19 15
	JUNE .	4 3 26	4 11 17		MAY .	3 5 52	3 7 18
	JULY .	3 16 10	3 18 19		JUNE .	1 18 36	1 23 13
	AUG. .	{ 2 4 54	2 1 1		JULY .	{ 1 7 20	1 14 2
	SEPT. .	{ 31 17 38	31 8 31		AUG. .	{ 30 20 4	31 3 19
	OCT. .	30 6 22	29 17 47		SEPT. .	29 8 48	29 15 4
	NOV. .	29 19 6	29 5 37		○	{ 12 15 54	12 3 55
	DEC. .	28 7 50	27 20 21		OCT. .	{ 27 10 16	27 11 57
		27 20 34	27 13 41		NOV. .	25 23 0	25 22 16
					DEC. .	25 11 44	25 8 59
1789. D. 20 6 31	JAN. .	26 9 18	26 8 37				
	FEB. .	24 22 2	25 3 39				
	MAR. .	26 10 46	26 21 16	1792. A.G. 19 23 57	JAN. .	24 0 28	23 20 9
	APRIL	24 23 30	25 12 22		FEB. .	22 13 12	22 7 52
	○	{ 9 17 52	9 11 45		MAR. .	23 1 56	22 20 16
	MAY .	{ 24 12 14	25 0 32		APRIL	21 14 40	21 9 35
	JUNE .	23 0 53	23 10 9		MAY .	21 3 24	20 23 56
	JULY .	22 13 42	22 18 3		JUNE .	19 16 8	19 15 3
	AUG. .	21 2 26	21 1 23		JULY .	19 4 52	19 6 27
	SEPT. .	19 15 10	19 9 8		AUG. .	17 17 36	17 21 23
	OCT. .	19 3 54	18 13 14		SEPT. .	16 6 20	16 11 33
	○	{ 2 22 16	3 2 42		OCT. .	15 19 4	16 0 46
	NOV. .	{ 17 16 33	17 5 16		NOV. .	14 7 43	14 13 2
	DEC. .	17 5 22	16 13 35		DEC. .	13 20 32	14 0 33
1790. C. 20 12 20	JAN. .	15 18 7	15 10 10				
	FEB. .	14 6 51	14 3 22	1793. F. 20 5 46	JAN. .	12 9 17	12 11 43
	MAR. .	15 19 35	15 21 17		FEB. .	{ 10 22 1	10 22 13
	APRIL	{ 14 8 19	14 14 45		○	{ 25 16 23	26 1 5
	○	{ 29 2 41	29 2 23		MAR. .	12 10 45	12 8 32
	MAY .	13 21 3	14 6 37		APRIL	10 23 29	10 13 46
	JUNE .	12 9 47	12 20 14		MAY .	10 12 13	10 5 44
	JULY .	11 22 31	12 7 34		JUNE .	9 0 57	8 17 35
	AUG. .	10 11 15	10 17 7		JULY .	8 13 41	8 7 14
	SEPT. .	8 23 59	9 1 46		AUG. .	{ 7 2 25	6 22 22
	○	{ 8 12 43	8 10 23		○	{ 21 20 47	21 16 53
	OCT. .	{ 23 7 5	23 3 13		SEPT. .	5 15 9	5 14 29
	○	{ 7 1 27	6 19 55		OCT. .	5 3 53	5 6 47
	NOV. .	6 14 11	6 6 36		NOV. .	3 16 37	3 22 30
	DEC. .				DEC. .	3 5 21	3 13 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1794. E.		d. h. m.	d. h. m.	A.D. 1797. A. March. d. h. m. 20 5 1		d. h. m.	d. h. m.
March. d. h. m. 20 11 35	JAN. .	{ 1 18 5	2 2 22	JAN. .	27 22 0	28 3 53	
	FEB. ○	{ 31 6 50	31 14 9	FEB. .	26 10 44	26 21 55	
	MAR. .	{ 15 1 12	15 0 32	MAR. .	27 23 28	28 13 16	
	MAR. .	{ 1 19 34	2 0 31	APRIL	26 12 12	27 1 32	
	APRIL	{ 31 8 18	31 9 43	MAY .	26 0 56	26 11 2	
	MAY .	29 21 2	29 18 17	○	{ 9 19 18	9 13 46	
	JUNE .	29 9 46	29 3 1	JUNE .	{ 24 13 40	24 18 37	
	JULY .	27 22 30	27 12 53	JULY .	24 2 24	24 1 22	
	○	{ 11 5 36	11 9 36	AUG. .	22 15 8	22 8 26	
	AUG. .	{ 25 23 58	25 14 52	SEPT. .	21 3 52	20 16 49	
	SEPT. .	24 12 42	24 7 13	OCT. .	20 16 36	20 3 25	
	OCT. .	24 1 26	24 0 54	NOV. .	19 5 20	18 16 45	
	NOV. .	22 14 10	22 18 43	○	{ 3 23 42	4 6 36	
DEC. .	22 2 54	22 11 45	DEC. .	{ 18 18 4	18 8 50		
1795. D. 20 17 24	JAN. .	20 15 38	21 2 50	1798. G. 20 10 50	JAN. .	17 6 48	17 3 3
	○	{ 4 10 0	4 2 56		FEB. .	15 19 32	15 22 6
	FEB. .	{ 19 4 22	19 15 36		MAR. .	17 8 16	17 16 27
	MAR. .	20 17 6	21 2 8		APRIL	15 21 0	16 8 47
	APRIL	19 5 50	19 10 50		MAY .	{ 15 9 44	15 22 22
	MAY .	18 18 34	18 18 23		○	{ 30 4 6	29 20 30
	JUNE .	17 7 18	17 1 43		JUNE .	13 22 28	14 9 11
	JULY .	{ 16 20 2	16 9 54		JULY .	13 11 12	13 17 54
	○	{ 31 14 24	31 22 13		AUG. .	11 23 56	12 1 30
	AUG. .	15 8 46	14 20 3		SEPT. .	10 12 40	10 9 6
	SEPT. .	13 21 30	13 8 53		OCT. .	10 1 24	9 17 35
	OCT. .	13 10 14	13 0 38		NOV. .	{ 8 14 8	8 3 44
	NOV. .	11 22 58	11 18 43		○	{ 23 8 30	23 14 55
DEC. .	11 11 42	11 13 53	DEC. .	8 2 52	7 15 55		
1796. C.B. 19 23 13	JAN. .	10 0 26	10 8 36	1799. F. 20 16 39	JAN. .	6 15 36	6 6 19
	FEB. .	8 13 11	9 1 25		FEB. .	5 4 21	4 22 33
	MAR. .	9 1 55	9 15 29		MAR. .	6 17 5	6 15 6
	APRIL	7 14 39	8 2 42		APRIL	5 5 49	5 9 43
	MAY .	7 3 23	7 11 25		MAY .	4 18 33	5 2 21
	JUNE .	5 16 7	5 18 38		JUNE .	3 7 17	3 17 6
	JULY .	5 4 51	5 1 18		JULY .	2 20 1	3 5 37
	AUG. .	3 17 35	3 8 33		AUG. .	{ 1 8 45	1 16 7
	SEPT. .	2 6 19	1 17 30		○	{ 30 21 29	31 1 19
	○	{ 1 19 3	1 5 2		SEPT. .	29 10 13	29 10 6
	OCT. .	{ 31 7 47	30 19 38		OCT. .	28 22 57	28 19 19
	NOV. .	29 20 31	29 13 7		NOV. .	27 11 41	27 5 29
	○	{ 14 14 53	14 16 25		DEC. .	27 0 25	26 16 52
	DEC. .	{ 29 9 15	29 8 23				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1800. E. March. d. h. m. 20 22 28		d. h. m.	d. h. m.	A.D. 1803. B. March. d. h. m. 21 15 54		d. h. m.	d. h. m.
	JAN. .	25 13 9	25 5 35		JAN. .	23 4 19	23 12 50
	FEB. .	24 1 53	23 19 36		FEB. .	21 17 3	21 23 49
	MAR. .	25 14 37	25 10 43		MAR. .	23 5 47	23 9 23
	○	9 8 59	9 18 54		APRIL	21 18 31	21 17 59
	APRIL	24 3 21	24 2 36		MAY .	21 7 15	21 2 19
	MAY .	23 16 5	23 18 33		JUNE .	19 19 59	19 11 18
	JUNE .	22 4 49	22 10 3		JULY .	19 8 43	18 21 56
	JULY .	21 17 33	22 0 14		AUG. .	17 21 27	17 10 53
	AUG. .	20 6 17	20 12 56		SEPT. .	16 10 11	16 2 18
	SEPT. .	18 19 1	19 0 19		OCT. .	15 22 55	15 19 36
	○	3 13 23	3 0 4		NOV. .	14 11 39	14 13 46
	OCT. .	18 7 45	18 10 57		DEC. .	14 0 23	14 7 33
	NOV. .	16 20 29	16 21 24				
	DEC. .	16 9 14	16 8 1	1804. A.G.	JAN. .	12 13 7	12 23 46
1801. D. 21 4 17	JAN. .	14 21 58	14 18 58		○	27 7 30	26 23 31
	FEB. .	13 10 42	13 6 14	20 21 43	FEB. .	11 1 52	11 13 47
	MAR. .	14 23 26	14 18 1		MAR. .	11 14 36	12 1 20
	○	29 17 43	30 7 48		APRIL	10 3 20	10 10 43
	APRIL	13 12 10	13 6 33		MAY .	9 16 4	9 18 35
	MAY .	13 0 54	12 20 6		JUNE .	8 4 43	8 1 44
	JUNE .	11 13 33	11 10 42		JULY .	7 17 32	7 9 17
	JULY .	11 2 22	11 2 0		○	22 11 54	22 19 55
	AUG. .	9 15 6	9 17 22		AUG. .	6 6 16	5 13 17
	SEPT. .	8 8 50	8 8 13		SEPT. .	4 19 0	4 5 43
	○	22 22 12	22 9 24		OCT. .	4 7 44	3 20 5
	OCT. .	7 16 34	7 22 10		NOV. .	2 20 28	2 13 14
	NOV. .	6 5 13	6 11 8		DEC. .	2 9 12	2 8 11
	DEC. .	5 13 2	5 23 16			31 21 56	...
1802. C. 21 10 6	JAN. .	4 6 46	4 10 42			...	1 3 26
	FEB. .	2 19 30	2 21 30	1805. F.	JAN. ○	15 16 18	15 10 56
	MAR. .	4 8 14	4 7 42			30 10 41	30 21 25
	○	19 2 36	19 13 30		FEB. .	23 23 25	1 12 53
	APRIL	2 20 59	2 17 33	21 3 32	MAR. .	30 12 9	31 1 24
	MAY .	2 9 43	2 3 43		APRIL	29 0 53	29 11 10
		31 22 27	31 14 54		MAY .	23 13 37	23 13 56
	JUNE .	30 11 11	30 3 33		JUNE .	27 2 21	27 1 41
	JULY .	29 23 55	29 17 55		○	11 20 43	11 23 31
	AUG. .	28 12 39	28 9 43		JULY .	26 15 5	26 8 31
	○	12 7 1	12 0 39		AUG. .	25 3 49	24 16 31
	SEPT. .	27 1 23	27 2 18		SEPT. .	23 16 33	23 2 43
	OCT. .	26 14 7	26 13 87		OCT. .	23 5 17	22 16 12
	NOV. .	25 2 51	25 10 7		NOV. .	21 18 1	21 8 2
	DEC. .	24 15 35	25 0 17		DEC. .	21 6 45	21 2 36

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1806.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1809.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.	○	5 1 7	5 2 21	A.	JAN. .	16 10 39	16 3 27
March.	JAN. .	19 19 30	19 22 11	March.	FEB. .	14 23 23	14 16 37
<i>d. h. m.</i>	FEB. .	18 8 13	18 17 4	<i>d. h. m.</i>	MAR. .	16 12 7	16 6 55
21 9 21	MAR. .	19 20 57	20 9 43	21 2 47	APRIL	15 0 51	14 22 11
	APRIL	18 9 41	18 23 32		○	29 19 13	30 3 5
	MAY .	17 22 25	18 10 16		MAY .	14 13 35	14 14 1
	JUNE .	16 11 9	16 18 41		JUNE .	13 2 19	13 5 43
	JULY .	15 23 53	16 1 44		JULY .	12 15 3	12 20 37
	AUG. .	14 12 37	14 8 36		AUG. .	11 3 47	11 10 13
	SEPT. .	13 1 21	12 16 19		SEPT. .	9 16 31	9 22 24
	OCT. .	12 14 5	12 1 49		OCT. .	9 5 15	9 9 43
	NOV. .	11 2 49	10 13 50		○	23 23 37	23 11 33
	DEC. .	10 15 33	10 4 36		NOV. .	7 17 59	7 20 26
					DEC. .	7 6 43	7 7 7
1807.	JAN. .	9 4 17	8 21 48				
D.	FEB. .	7 17 2	7 16 29				
21 15 10	MAR. .	9 5 46	9 11 13	1810.	JAN. .	5 19 27	5 17 56
	APRIL	7 18 30	8 4 34	G.	FEB. .	4 8 11	4 4 56
	MAY .	7 7 14	7 19 29	21 8 36	MAR. .	5 20 55	5 16 12
	○	22 1 36	21 19 7		APRIL	4 9 40	4 4 2
	JUNE .	5 19 58	6 7 39		MAY .	3 22 24	3 16 46
	JULY .	5 8 42	5 17 21		JUNE .	2 11 8	2 6 38
	AUG. .	3 21 26	4 1 20		JULY .	1 23 52	1 21 31
	SEPT. .	2 10 10	2 9 9			31 12 36	31 12 59
					AUG. .	30 1 20	30 4 20
	OCT. .	1 22 54	1 17 15		SEPT. .	28 14 4	28 19 2
		31 11 38	31 2 39		OCT. .	28 2 43	28 8 58
	○	15 6 0	15 10 36		NOV. .	26 15 32	26 21 36
	NOV. .	30 0 22	29 13 51		DEC. .	26 4 16	26 9 31
	DEC. .	29 13 6	29 3 9				
1808.	JAN. .	28 1 51	27 18 26	1811.	JAN. .	24 17 0	24 20 38
C.B.	FEB. .	26 14 35	26 11 11	F.	FEB. .	23 5 44	23 7 0
20 20 59	MAR. .	27 3 19	27 4 37		○	10 0 6	10 8 40
	APRIL	25 16 3	25 21 40		MAR. .	24 18 23	24 16 43
	○	10 10 25	10 10 7	21 14 25	APRIL	23 7 12	23 2 29
	MAY .	25 4 47	25 13 22		MAY .	22 19 56	22 12 46
	JUNE .	23 17 31	24 3 3		JUNE .	21 8 40	21 0 23
	JULY .	23 6 15	23 14 36		JULY .	20 21 24	20 13 43
	AUG. .	21 18 59	22 0 33		AUG. .	19 10 8	19 4 53
	SEPT. .	20 7 43	20 9 41		○	3 4 30	3 0 39
	OCT. .	19 20 27	19 18 49		SEPT. .	17 22 52	17 21 24
	○	3 14 49	3 10 51		OCT. .	17 11 36	17 14 13
	NOV. .	18 9 11	18 4 37		NOV. .	16 0 20	16 6 32
	DEC. .	17 21 55	17 15 27		DEC. .	15 13 4	15 21 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1812. E.D.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1815. A. March. <i>d. h. m.</i> 21 13 40		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 20 20 14	JAN. .	14 1 49	14 11 9		JAN. .	10 16 58	10 16 20
	FEB. .	12 14 33	12 22 54		FEB. .	9 5 43	9 11 44
	○	27 8 55	27 8 12		MAR. .	10 18 27	11 5 38
	MAR. .	13 3 17	13 9 0		APRIL .	9 7 11	9 20 49
	APRIL .	11 16 1	11 17 48		MAY .	8 19 55	9 8 57
	MAY .	11 4 45	11 1 56		JUNE .	7 8 39	7 18 23
	JUNE .	9 17 29	9 10 17		○	22 3 1	21 20 23
	JULY .	9 6 13	8 19 52		JULY .	6 21 23	7 2 0
	AUG. .	7 18 57	7 7 33		AUG. .	5 10 7	5 8 54
	○	22 13 19	22 17 7		SEPT. .	3 22 51	3 16 11
	SEPT. .	6 7 41	5 21 46		OCT. .	3 11 35	3 0 50
	OCT. .	5 20 25	5 14 21		NOV. .	2 0 19	1 11 37
	NOV. .	4 9 9	4 8 23		DEC. ○	1 13 3	1 1 3
	DEC. .	3 21 53	4 2 48			16 7 25	16 15 15
						31 1 47	30 17 4
1813. C.	JAN. .	2 10 37	2 20 6	1816. G.F.	JAN. .	29 14 32	29 11 3
21 2 3	FEB. ○	15 17 44	1 11 20	20 19 29	FEB. .	28 3 16	28 5 45
	MAR. .	2 12 6	3 0 3		MAR. .	28 16 0	28 23 47
	APRIL .	1 0 50	1 10 21		APRIL .	27 4 44	27 15 55
		30 13 34	30 18 42		MAY .	26 17 23	27 5 25
	MAY .	30 2 18	30 1 57		○	10 11 50	10 3 37
	JUNE .	28 15 2	28 9 4		JUNE .	25 6 12	25 16 18
	JULY .	23 3 46	27 17 9		JULY .	24 18 56	25 1 14
	○	11 22 8	12 5 18		AUG. .	23 7 40	23 9 9
	AUG. .	26 16 30	26 3 16		SEPT. .	21 20 24	21 17 5
	SEPT. .	25 5 14	24 16 12		OCT. .	21 9 8	21 1 57
	OCT. .	24 17 58	24 8 9		NOV. .	19 21 52	19 12 19
	NOV. .	23 6 42	23 2 28		○	4 16 14	4 23 6
	DEC. .	22 19 26	22 21 52		DEC. .	19 10 36	19 0 34
1814. B.	JAN. .	21 8 10	21 16 43	1817. E.	JAN. .	17 23 20	17 14 47
21 7 51	FEB. .	19 20 54	20 9 32	21 1 18	FEB. .	16 12 4	16 6 39
	MAR. .	21 9 38	21 23 30		MAR. .	18 0 48	17 23 36
	APRIL .	19 22 22	20 10 28		APRIL .	16 13 32	16 16 46
	MAY .	19 11 6	19 19 2		MAY .	16 2 16	16 9 6
	JUNE .	17 23 50	18 2 6		JUNE .	14 15 0	14 23 48
	JULY .	17 12 34	17 8 44		JULY .	14 3 44	14 12 30
	AUG. .	16 1 18	15 16 3		AUG. .	12 16 28	12 23 21
	SEPT. .	14 14 2	14 1 7		SEPT. .	11 5 12	11 9 0
	OCT. .	14 2 46	13 12 47		OCT. .	10 17 56	10 18 16
	NOV. .	12 15 30	12 3 33		NOV. .	9 6 40	9 3 54
	DEC. .	12 4 14	11 21 5		DEC. .	8 19 24	8 14 20
	○	26 22 36	27 1 21				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1818.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1821.		<i>d. h. m.</i>	<i>d. h. m.</i>
D. March. <i>d. h. m.</i> 21 7 7	JAN. .	7 8 8	7 1 43	G. March. <i>d. h. m.</i> 21 0 33	JAN. .	3 23 18	4 8 56
	FEB. .	5 20 53	5 14 9		FEB. .	2 12 2	2 21 36
	MAR. .	7 9 37	7 3 39		MAR. .	4 0 46	4 8 24
	APRIL .	5 22 21	5 18 10		APRIL .	2 13 31	2 17 37
	○	{ 20 16 43	21 2 49		MAY .	{ 2 2 15	2 1 48
	MAY .	5 11 5	5 9 31			{ 31 14 59	31 9 44
	JUNE .	3 23 49	4 1 13		JUNE .	30 3 43	29 18 25
	JULY .	3 12 33	3 16 34		JULY .	29 16 27	29 4 52
	AUG. .	{ 2 1 17	2 6 58		AUG. .	28 5 11	27 17 49
		{ 31 14 1	31 20 6		SEPT. .	26 17 55	26 9 23
	SEPT. .	30 2 45	30 8 5		OCT. .	26 6 39	26 3 1
	○	{ 14 21 7	14 7 42		NOV. .	24 19 23	24 21 37
	OCT. .	{ 29 15 29	29 19 17		DEC. .	24 8 7	24 15 46
	NOV. .	23 4 13	23 6 9				
	DEC. .	27 16 57	27 17 0				
1819.	JAN. .	26 5 42	26 3 52	1822.	JAN. .	22 20 51	23 8 12
C. 21 12 56	FEB. .	24 18 26	24 14 48	F	○	{ 6 15 13	6 7 55
	MAR. .	26 7 10	26 2 3	21 6 22	FEB. .	{ 21 9 35	21 22 12
	○	{ 10 1 32	10 15 31		MAR. .	22 22 20	23 9 35
	APRIL .	{ 24 19 54	24 18 58		APRIL .	21 11 4	21 18 41
	MAY .	24 8 38	24 2 59		MAY .	20 23 48	21 2 14
	JUNE .	22 21 22	22 17 14		JUNE .	19 12 32	19 9 11
	JULY .	22 10 6	22 8 26		JULY .	19 1 16	18 16 35
	AUG. .	20 22 50	21 0 3		○	{ 2 19 38	3 2 49
	SEPT. .	19 11 34	19 15 23		AUG. .	{ 17 14 0	17 1 33
	○	{ 4 5 56	3 17 18		SEPT. .	16 2 44	15 18 3
	OCT. .	{ 19 0 18	19 5 57		OCT. .	15 15 23	15 8 35
	NOV. .	17 18 2	17 19 31		NOV. .	14 4 12	13 20 56
	DEC. .	17 1 46	17 8 4		DEC. .	13 16 56	13 16 5
1820.	JAN. .	15 14 30	15 19 38	1823.	JAN. .	{ 12 5 40	12 11 29
B.A. 20 18 44	FEB. .	14 3 14	14 6 18	E.	○	{ 27 0 2	26 19 46
	MAR. .	{ 14 15 58	14 16 10	21 12 11	FEB. .	10 18 24	11 5 29
	○	{ 29 10 20	29 20 56		MAR. .	12 7 8	12 20 53
	APRIL .	13 4 42	13 1 34		APRIL .	10 19 52	11 9 14
	MAY .	12 17 26	12 11 12		MAY .	10 8 36	10 18 49
	JUNE .	11 6 10	10 21 51		JUNE .	8 21 20	9 2 26
	JULY .	10 18 54	10 10 12		JULY .	{ 8 10 4	8 9 8
	AUG. .	9 7 38	9 0 30		○	{ 23 4 26	23 5 59
	SEPT. .	{ 7 20 22	7 16 31		AUG. .	6 22 48	6 16 0
	○	{ 22 14 44	22 8 36		SEPT. .	5 11 32	5 0 7
	OCT. .	7 9 6	7 9 28		OCT. .	5 0 16	4 10 30
	NOV. .	5 21 50	6 2 24		NOV. .	3 13 0	2 23 47
	DEC. .	5 10 34	5 18 27		DEC. .	3 1 44	2 16 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1824. D.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1827. C.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 20 18 0	JAN. ○	1 14 28	1 10 36	MARCH. <i>d. h. m.</i> 21 11 26	JAN. .	27 18 22	27 12 10
		16 8 51	16 11 20		FEB. .	26 7 6	26 0 54
		31 3 13	31 6 34		MAR. .	27 19 51	27 14 37
	FEB. .	29 15 57	1 0 48		APRIL	26 8 35	26 5 18
	MAR. .	30 4 41	30 17 22	○	MAY .	11 2 57	11 10 48
	APRIL	28 17 25	29 6 57		JUNE .	23 21 19	25 20 40
	MAY .	28 6 9	28 17 37		JULY .	24 10 3	24 12 11
	JUNE .	26 18 53	27 2 1		AUG. .	23 22 47	24 3 12
	○	11 13 15	11 6 45		SEPT. .	22 11 31	22 17 11
	JULY .	26 7 37	26 9 13		OCT. .	21 0 15	21 6 0
	AUG. .	24 20 21	24 16 18		NOV. .	20 12 59	20 17 49
	SEPT. .	23 9 5	23 0 16		○	4 7 21	3 19 20
1825. D. 20 23 49	OCT. .	22 21 49	22 10 3		DEC. .	19 1 43	19 5 4
	NOV. .	21 10 33	20 22 11			18 14 27	18 16 3
	DEC. .	20 23 17	20 12 57				
	JAN. .	19 12 1	19 5 56	1828. F.E. 20 17 15	JAN. .	17 3 11	17 2 54
	FEB. .	18 0 45	18 0 15		FEB. .	15 15 55	15 13 40
	MAR. .	19 13 29	19 13 37		MAR. .	16 4 39	16 0 28
	APRIL	18 2 13	18 11 41		APRIL	14 17 23	14 11 42
	MAY .	17 14 57	18 2 28		MAY .	14 6 7	13 23 50
	○	1 9 19	1 2 25		JUNE .	12 18 51	12 13 16
	JUNE .	16 3 41	16 14 38		JULY .	12 7 35	12 3 57
	JULY .	15 16 25	16 0 32		AUG. .	10 20 19	10 19 31
	AUG. .	14 5 9	14 8 58		SEPT. .	9 9 3	9 11 16
	SEPT. .	12 17 53	12 16 59		OCT. .	8 21 47	9 2 33
1826. A. 21 5 37	OCT. .	12 6 37	12 1 23		NOV. .	7 10 31	7 16 56
	NOV. .	10 19 21	10 11 12		DEC. .	6 23 15	7 6 14
	○	25 13 43	25 18 33				
	DEC. .	10 3 5	9 22 33	1829. D. 20 23 4	JAN. .	5 11 59	5 13 24
	JAN. .	8 20 49	8 11 44		FEB. .	4 0 44	4 5 31
	FEB. .	7 9 33	7 2 38		MAR. .	5 13 28	5 15 36
	MAR. .	8 22 17	8 18 54		○	20 7 50	20 16 9
	APRIL	7 11 2	7 11 48		APRIL	4 2 12	4 0 57
	MAY .	6 23 46	7 4 23		MAY .	3 14 56	3 10 7
	○	21 18 8	21 17 48		JUNE .	2 3 40	1 19 55
	JUNE .	5 12 30	5 20 0		JULY .	1 16 24	1 7 11
	JULY .	5 1 14	5 9 47			31 5 8	30 20 26
	AUG. .	3 13 58	3 21 40		AUG. .	29 17 52	29 11 42
	SEPT. .	2 2 42	2 8 3		○	13 12 14	13 8 31
		1 15 26	1 17 30		SEPT. .	28 6 36	28 4 29
	OCT. .	31 4 10	31 3 16		OCT. .	27 19 20	27 21 48
	○	14 22 32	14 18 28		NOV. .	26 8 4	26 14 39
	NOV. .	29 16 54	29 13 25		DEC. .	25 20 48	26 6 11
	DEC. .	29 5 38	29 0 21				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1830. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1833. f.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 21 4 52	JAN. .	24 9 38	24 19 53	March. <i>d. h. m.</i> 20 22 19	○	{ 6 6 20	6 10 19
	FEB. .	22 22 17	23 7 32		JAN. .	{ 21 0 42	21 0 17
	○	{ 9 16 39	9 15 50		FEB. .	19 13 27	19 19 31
	MAR..	{ 24 11 1	24 17 21		MAR..	21 2 11	21 13 11
	APRIL	22 23 45	23 1 46		APRIL	19 14 55	20 4 13
	MAY .	22 12 29	22 9 4		MAY .	19 3 39	19 16 16
	JUNE .	21 1 13	20 17 33		JUNE .	17 16 23	18 1 42
	JULY .	20 13 57	20 2 53		○	{ 2 10 45	2 3 2
	AUG. .	19 2 41	18 14 29		JULY .	{ 17 5 7	17 9 24
	○	{ 2 21 3	3 0 44		AUG. .	15 17 51	15 16 31
	SEPT. .	{ 17 15 25	17 4 49		SEPT. .	14 6 35	14 0 3
	OCT. .	17 4 9	16 21 40		OCT. .	13 19 19	13 8 59
1831. B. 21 10 41	NOV. .	15 16 53	15 16 8	1834. E. 21 4 8	NOV. .	12 8 3	11 20 0
	DEC. .	15 5 37	15 10 52		DEC. .	{ 11 20 47	11 9 29
					○	{ 26 15 9	26 23 57
	JAN. .	13 18 21	14 4 26		JAN. .	10 9 31	10 1 20
	FEB. .	{ 12 7 5	12 19 44		FEB. .	8 22 15	8 18 57
	○	{ 27 1 27	26 19 15		MAR..	10 10 59	10 13 17
	MAR..	13 19 49	14 8 19		APRIL	8 23 43	9 6 57
	APRIL	12 8 33	12 18 22		MAY .	8 12 27	8 22 52
	MAY .	11 21 17	12 2 27		JUNE .	{ 7 1 11	7 12 20
	JUNE .	10 10 1	10 9 23		○	{ 21 19 33	21 10 43
	JULY .	9 22 45	9 16 25		JULY .	6 13 55	6 23 22
	AUG. .	{ 8 11 29	8 0 27		AUG. .	5 2 39	5 8 33
1832. A.G. 20 16 30	○	{ 23 5 51	23 12 25	1835. D. 21 9 57	SEPT. .	3 15 23	3 16 50
	SEPT. .	7 0 13	6 10 37		OCT. .	3 4 7	3 1 12
	OCT. .	6 12 57	5 23 40		NOV. .	1 16 51	{ 1 10 25
	NOV. .	5 1 41	4 15 47			{ 1 5 35	{ 30 21 2
	DEC. .	4 14 25	4 10 17		DEC. ○	{ 15 23 57	16 7 18
						{ 30 18 19	30 9 16
	JAN. .	3 3 9	3 5 50		JAN. .	29 7 3	28 23 11
	FEB. .	1 15 54	2 0 45		FEB. .	27 19 47	27 14 35
	MAR..	{ 2 4 38	2 17 32		MAR..	29 8 32	29 7 0
		{ 31 17 22	{ 1 7 21		APRIL	27 21 16	27 23 40
	APRIL	30 6 6	{ 30 18 10		MAY .	27 10 10	27 15 45
	MAY .	29 18 50	30 2 35		○	{ 11 4 22	11 1 7
	JUNE .	28 7 34	28 9 34		JUNE .	{ 25 22 44	26 6 27
	JULY .	27 20 13	27 16 13		JULY .	25 11 28	25 19 22
	AUG. .	26 9 2	25 23 39		AUG. .	24 0 12	24 6 39
	SEPT. .	24 21 46	24 8 53		SEPT. .	22 12 56	22 16 49
	OCT. .	24 10 30	23 20 45		OCT. .	22 1 40	22 2 37
	NOV. .	22 23 14	22 11 36		NOV. .	20 14 24	20 12 38
	DEC. .	22 11 53	22 5 8		DEC. .	20 3 8	19 23 15

JERUSALEM CIVIL. TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1836. C.R. March. d. h. m. 20 15 43		d. h. m.	d. h. m.	A.D. 1839. F. March. d. h. m. 21 9 12		d. h. m.	d. h. m.
	JAN. .	18 15 58	18 10 35		JAN. .	15 7 2	15 17 86
	FEB. .	17 4 87	16 22 39		FEB. .	13 19 46	14 6 14
	MAR. .	17 17 21	17 11 36		MAR. .	15 8 30	15 16 50
	APRIL	16 6 5	16 1 30		APRIL	13 21 14	14 1 43
	○	{ 1 0 27	1 10 36		MAY .	13 9 58	13 9 30
	MAY .	{ 15 18 49	15 16 19		JUNE .	11 22 42	11 17 6
	JUNE .	14 7 33	14 7 41		JULY .	11 11 26	11 1 33
	JULY .	13 20 17	13 28 2		AUG. .	10 0 10	9 11 53
	AUG. .	12 9 1	12 13 43		SEPT. .	8 12 54	8 0 51
	SEPT. .	10 21 45	11 3 23		OCT. .	8 1 38	7 16 36
	OCT. .	{ 10 10 29	10 15 57		NOV. .	6 14 22	6 10 33
	○	{ 25 4 51	24 15 30		DEC. .	6 3 6	6 5 31
	NOV. .	8 23 13	9 3 43				
	DEC. .	8 11 57	8 15 1				
1837. A. 20 21 34	JAN. .	7 0 41	7 1 58	1840. K.D. 20 15 1	JAN. .	4 15 50	4 23 57
	FEB. .	5 13 25	5 12 41		FEB. .	{ 8 4 34	8 16 33
	MAR. .	7 2 9	6 23 16		○	{ 17 22 56	17 10 14
	APRIL	{ 5 14 58	5 9 57		MAR. .	3 17 18	4 6 29
	○	{ 20 9 15	20 23 4		APRIL	2 6 3	2 17 41
	MAY .	5 8 37	4 21 16		MAY .	{ 1 18 47	2 2 31
	JUNE .	3 16 21	3 9 47		○	{ 31 7 31	31 9 50
	JULY .	3 5 5	2 23 44		JUNE .	29 20 15	29 16 35
	AUG. .	{ 1 17 49	1 14 55		JULY .	29 8 59	29 0 31
	SEPT. .	{ 31 6 38	31 6 49		○	{ 13 3 21	13 9 44
	○	{ 14 18 39	14 1 22		AUG. .	{ 27 21 43	27 8 55
	OCT. .	{ 29 8 1	29 13 50		SEPT. .	26 10 27	25 20 32
	NOV. .	27 20 45	28 3 57		OCT. .	25 23 11	25 11 13
	DEC. .	27 9 29	27 16 52		NOV. .	24 11 55	24 4 44
1838. G. 21 8 23	JAN. .	25 22 14	26 4 33	1841. C. 20 20 50	DEC. .	24 0 39	24 0 1
	FEB. .	24 10 58	24 15 0		JAN. .	22 13 24	22 19 30
	MAR. .	25 28 42	26 0 23		○	{ 6 7 46	6 4 33
	○	{ 9 18 4	10 4 12		FEB. .	{ 21 2 8	21 13 23
	APRIL	{ 24 12 26	24 9 24		MAR. .	22 14 52	23 4 45
	MAY .	24 1 10	23 13 33		APRIL	21 3 36	21 16 57
	JUNE .	22 13 54	22 4 47		MAY .	20 16 20	21 2 22
	JULY .	22 2 38	21 16 54		JUNE .	19 5 4	19 9 54
	AUG. .	20 15 22	20 7 12		JULY .	18 17 43	18 16 36
	SEPT. .	19 4 6	18 23 27		○	{ 2 12 10	2 12 31
	○	{ 8 22 28	8 16 44		AUG. .	{ 17 6 32	16 23 33
	OCT. .	{ 18 16 50	18 16 51		SEPT. .	15 19 16	15 7 53
	NOV. .	17 5 31	17 10 19		OCT. .	15 8 0	14 13 23
	DEC. .	16 18 18	17 2 49		NOV. .	13 20 44	13 7 52
					DEC. .	13 9 23	13 0 10

.JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1842.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1845.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	{ 11 22 12	11 18 37	E.	JAN. .	8 13 22	8 9 17
	○	{ 26 16 34	26 20 14	March.	FEB. .	7 2 6	6 20 51
<i>d. h. m.</i>	FEB. .	10 10 56	10 13 53	<i>d. h. m.</i>	MAR. .	8 14 50	8 9 5
21 2 38	MAR. .	11 23 40	12 8 23	20 20 5	APRIL	7 3 34	6 22 10
	APRIL	10 12 24	11 0 43		MAY .	{ 6 16 18	6 12 16
	MAY .	10 1 8	10 14 12		○	{ 21 10 40	21 18 26
	JUNE .	8 13 52	9 0 50		JUNE .	5 5 2	5 3 13
	JULY .	{ 8 2 36	8 9 20		JULY .	4 17 46	4 13 36
	○	{ 22 20 58	22 13 19		AUG. .	3 6 30	3 9 47
	AUG. .	6 15 20	6 16 42		SEPT. .	1 19 14	2 0 13
	SEPT. .	5 4 4	5 0 3		○	{ 1 7 58	1 13 36
	OCT. .	4 16 48	4 8 21		SEPT. .	{ 30 20 42	31 2 2
	NOV. .	3 5 32	2 18 24		○	{ 14 15 4	14 3 15
	DEC. .	{ 2 18 16	2 6 41		NOV. .	{ 29 9 26	29 13 46
		...	31 21 20		DEC. .	28 22 10	29 1 0
1843.	JAN. .	{ 1 7 0	...	1846.	JAN. .	27 10 55	27 11 50
A.	FEB. .	{ 30 19 45	30 14 3	D.	FEB. .	25 23 39	25 22 18
		...	...	21 1 54	MAR. .	27 12 23	27 8 36
21 8 27	MAR. .	{ 1 8 29	1 7 57		APRIL	26 1 7	25 19 16
	APRIL	{ 30 21 13	31 1 54		MAY .	25 13 51	25 6 51
	MAY .	29 9 57	29 13 39		JUNE .	24 2 35	23 19 53
	JUNE .	23 22 41	29 9 21		JULY .	23 15 19	23 10 27
	JULY .	27 11 25	27 21 36		AUG. .	22 4 3	22 2 10
	AUG. .	27 0 9	27 7 44		SEPT. .	20 16 47	20 18 20
	SEPT. .	25 12 53	25 16 32		OCT. .	20 5 31	20 10 13
	OCT. .	24 1 37	24 0 58		NOV. .	18 18 15	19 1 11
	NOV. .	23 14 21	23 9 53		DEC. .	18 6 59	18 14 55
	○	{ 6 21 27	7 2 34				
	DEC. .	{ 21 15 49	21 7 21	1847.	JAN. .	16 19 44	17 3 18
1844.	JAN. .	20 4 34	19 20 21	C.	FEB. .	15 8 28	15 14 18
G.F.	FEB. .	18 17 18	18 10 50	21 7 43	MAR. .	{ 16 21 12	17 0 3
20 14 16	MAR. .	19 6 2	19 2 30		○	{ 31 15 34	31 23 27
	APRIL	17 18 46	17 18 53		APRIL	15 9 56	15 8 53
	MAY .	17 7 30	17 11 10		MAY .	14 22 40	14 17 39
	○	{ 1 1 52	1 1 20		JUNE .	13 11 24	13 3 2
	JUNE .	{ 15 20 14	16 2 35		JULY .	13 0 8	12 13 59
	JULY .	15 8 58	15 16 30		AUG. .	11 12 52	11 3 9
	AUG. .	13 21 42	14 4 45		SEPT. .	{ 10 1 36	9 18 34
	SEPT. .	12 10 26	12 15 33		○	{ 24 19 58	24 16 33
	OCT. .	11 23 10	12 1 43		OCT. .	9 14 20	9 11 41
	NOV. .	{ 10 11 54	10 11 53		NOV. .	8 3 4	8 5 30
	○	{ 25 6 16	25 2 15		DEC. .	7 15 48	7 22 51
	DEC. .	10 0 38	9 22 20				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1848. B.A. March. d. h. m. 20 13 31		d. h. m.	d. h. m.	A.D. 1851. E. March. d. h. m. 21 6 58		d. h. m.	d. h. m.
	JAN. .	6 4 32	6 14 44		JAN. .	{ 2 19 41	2 13 15
	FEB. .	4 17 16	5 4 31		○	{ 17 14 3	17 19 15
	MAR. .	{ 5 6 0	5 16 3		FEB. .	1 8 25	1 8 11
	○	{ 20 0 22	19 23 17		MAR. .	2 21 9	3 3 7
	APRIL	3 18 44	4 1 33		APRIL	{ 1 9 54	1 20 34
	MAY .	3 7 28	3 9 36		MAY .	{ 30 22 38	{ 1 11 26
	JUNE .	1 20 12	1 17 0		JUNE .	30 11 22	{ 30 23 26
	JULY .	{ 1 8 56	1 0 46		○	{ 29 0 6	29 8 55
	AUG. .	{ 30 21 40	30 9 58		JULY .	{ 13 18 23	13 9 41
	○	{ 13 4 46	13 8 27		○	{ 23 12 50	23 16 48
	SEPT. .	{ 27 23 8	27 12 1		AUG. .	27 1 34	27 0 10
	OCT. .	27 11 52	27 5 6		SEPT. .	25 14 18	25 8 3
	NOV. .	26 0 36	25 23 55		OCT. .	25 8 2	24 17 18
	DEC. .	25 13 20	25 18 57		NOV. .	23 15 46	23 4 31
					DEC. .	23 4 30	22 17 59
1849. G.	JAN. .	24 2 5	24 12 43	1852. D.C.	○	{ 6 22 52	7 8 37
	FEB. .	22 14 49	23 4 2		JAN. .	{ 21 17 14	21 9 37
	○	{ 9 9 11	9 3 16		FEB. .	20 5 59	20 2 50
20 19 20	MAR. .	{ 24 3 33	24 16 29	20 12 47	MAR. .	20 18 43	20 20 41
	APRIL	22 16 17	23 2 16		APRIL	19 7 27	19 13 59
	MAY .	22 5 1	22 10 7		MAY .	18 20 11	19 5 42
	JUNE .	20 17 45	20 16 46		JUNE .	17 8 55	17 19 11
	JULY .	20 6 29	19 23 49		○	{ 2 3 17	1 17 50
	AUG. .	18 19 13	18 7 51		JULY .	{ 16 21 39	17 6 25
	○	{ 2 13 35	2 19 57		AUG. .	15 10 23	15 15 57
	SEPT. .	{ 17 7 57	16 18 7		SEPT. .	13 23 7	14 0 39
	OCT. .	16 20 41	16 7 19		OCT. .	13 11 51	13 9 28
	NOV. .	15 9 25	14 23 36		NOV. .	12 0 35	11 19 3
	DEC. .	14 22 9	14 18 13		DEC. .	{ 11 13 19	11 5 51
					○	{ 26 7 41	26 15 31
1850. F.	JAN. .	13 10 53	13 13 51	1853. B.	JAN. .	10 2 3	9 18 1
	FEB. .	11 23 37	12 8 44		FEB. .	8 14 47	8 7 36
21 1 9	MAR. .	13 12 21	14 1 23	20 18 33	MAR. .	10 3 31	9 22 27
	APRIL	12 1 5	12 15 2		APRIL	8 16 15	8 14 15
	MAY .	11 13 49	12 1 42		MAY .	8 4 59	8 6 26
	JUNE .	10 2 33	10 10 0		JUNE .	{ 6 17 43	6 22 16
	JULY .	9 15 17	9 16 53		○	{ 21 12 5	21 8 31
	AUG. .	8 4 1	7 23 44		JULY .	6 6 27	6 13 8
	SEPT. .	6 16 45	6 7 21		AUG. .	4 19 11	5 2 16
	OCT. .	6 5 29	5 16 43		SEPT. .	3 7 55	3 14 1
	NOV. .	4 13 13	4 4 52		OCT. .	2 20 39	3 0 44
	DEC. .	4 6 57	3 19 47		NOV. .	{ 1 9 23	1 11 3
					DEC. .	{ 30 22 7	30 21 23
						30 10 51	30 8 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1854.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1857.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	28 23 36	28 19 24	D.	JAN. .	25 14 46	26 2 11
March.	FEB. .	27 12 20	27 7 4	March.	FEB. .	24 3 30	24 14 48
<i>d. h. m.</i>	MAR. .	29 1 4	28 19 25	<i>d. h. m.</i>	MAR. .	25 16 14	26 1 10
21 0 24	APRIL	27 13 48	27 8 41	20 17 51	APRIL	21 4 58	21 9 41
	○	{ 12 8 10	12 18 15		MAY .	23 17 42	23 17 8
	MAY .	{ 27 2 32	26 23 0		JUNE .	22 6 26	22 0 23
	JUNE .	25 15 16	25 14 7		JULY .	21 19 10	21 8 43
	JULY .	25 4 0	25 5 31		AUG. .	20 7 54	19 19 0
	AUG. .	23 16 44	23 20 33		SEPT. .	18 20 38	18 8 8
	SEPT. .	22 5 28	22 10 45		OCT. .	18 9 22	18 0 0
	OCT. .	21 18 12	21 23 57		NOV. .	16 22 6	16 18 14
	○	{ 5 12 34	4 23 26		DEC. .	16 10 50	16 18 29
	NOV. .	{ 20 6 56	20 12 16				
	DEC. .	19 19 40	19 23 53	1858.	JAN. .	14 23 35	15 8 12
1855.	JAN. .	18 8 25	18 10 57	C.	FEB. .	{ 13 12 19	14 0 49
G.	FEB. .	16 21 9	16 21 28		○	{ 28 6 41	28 0 82
21 6 13	MAR. .	18 9 53	18 5 37	20 23 40	MAR. .	15 1 8	15 14 40
	APRIL	16 22 37	16 17 45		APRIL	13 18 47	14 1 37
	○	{ 1 16 59	1 6 28		MAY .	13 2 31	13 10 14
	MAY .	{ 16 11 21	16 4 31		JUNE .	11 15 15	11 17 19
	JUNE .	15 0 5	14 16 34		JULY .	11 8 59	11 0 0
	JULY .	14 12 49	14 6 16		AUG. .	{ 9 16 48	9 7 20
	AUG. .	13 1 33	12 21 29		○	{ 24 11 5	24 16 48
	SEPT. .	11 14 17	11 13 42		SEPT. .	8 5 27	7 16 26
	OCT. .	{ 11 3 1	11 6 4		OCT. .	7 18 11	7 4 11
	○	{ 25 21 23	25 9 36		NOV. .	6 6 55	5 19 1
	NOV. .	9 15 45	9 21 51		DEC. .	5 19 39	5 12 40
	DEC. .	9 4 29	9 12 29				
1856.	JAN. .	7 17 13	8 1 41	1859.	JAN. .	4 8 23	4 8 1
F.E.	FEB. .	6 5 57	6 13 21	B.	FEB. .	{ 2 21 7	8 3 26
20 12 2	MAR. .	6 18 41	6 23 34		○	{ 17 15 29	17 13 15
	APRIL	{ 5 7 25	5 8 38	21 5 23	MAR. .	4 9 51	4 21 17
	○	{ 20 1 47	20 11 17		APRIL	2 22 35	3 12 26
	MAY .	4 20 9	4 17 7		MAY .	2 11 19	3 0 28
	JUNE .	3 8 53	3 1 49		JUNE .	{ 1 0 3	1 9 47
	JULY .	2 21 37	{ 2 11 44		{ 30 12 47	30 17 17	
	AUG. .	{ 1 10 21	31 23 39		JULY .	30 1 31	30 0 4
	{ 30 23 5	30 14 0			○	{ 13 19 53	13 19 5
	SEPT. .	29 11 49	29 6 30		AUG. .	{ 28 14 15	28 7 13
	○	{ 14 6 11	14 1 0		SEPT. .	27 2 59	26 15 47
	OCT. .	{ 29 0 33	29 0 19		OCT. .	26 15 43	26 2 34
	NOV. .	27 13 17	27 13 17		NOV. .	25 4 27	24 16 6
	DEC. .	27 2 1	27 11 12		DEC. .	24 17 11	24 8 21

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1860.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1863.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.G.	JAN. .	28 5 56	28 2 38	D.	JAN. .	19 21 5	19 18 12
March.	○	{ 7 0 18	7 5 6	March.	FEB. .	18 9 50	18 5 27
<i>d. h. m.</i>	FEB. .	{ 21 18 40	21 21 37	<i>d. h. m.</i>	MAR. .	19 22 34	19 17 10
20 11 17	MAR. .	22 7 24	22 15 50	21 4 44	APRIL	18 11 18	18 5 41
	APRIL	20 20 8	21 7 58		MAY .	18 0 2	17 19 10
	MAY .	20 8 52	20 21 21		○	{ 1 18 24	2 1 57
	JUNE .	18 21 36	19 8 0		JUNE .	{ 16 12 46	16 9 45
	JULY .	18 10 20	18 16 39		JULY .	16 1 30	16 1 3
	○	{ 2 4 42	1 19 57		AUG. .	14 14 14	14 16 27
	AUG. .	{ 16 23 4	17 0 17		SEPT. .	13 2 58	13 7 21
	SEPT. .	15 11 48	15 7 57		OCT. .	12 15 42	12 21 21
	OCT. .	15 0 32	14 16 36		NOV. .	{ 11 4 26	11 10 23
	NOV. .	18 13 16	18 2 55		○	{ 25 22 48	25 11 20
	DEC. .	18 2 0	12 15 16		DEC. .	10 17 10	10 22 32
1861.	JAN. .	11 14 44	11 5 46				
P.	FEB. .	10 8 29	9 22 6	1864.	JAN. .	9 5 54	9 9 58
20 17 6	MAR. .	11 16 13	11 15 32	C.B.	FEB. .	7 18 39	7 20 42
	APRIL	10 4 57	10 9 1	20 10 33	MAR. .	8 7 23	8 6 49
	MAY .	9 17 41	10 1 29		APRIL	6 20 7	6 16 38
	JUNE .	8 6 25	8 16 7		MAY .	6 8 51	6 2 43
	JULY .	7 19 9	8 4 31		JUNE .	4 21 35	4 13 50
	AUG. .	6 7 53	6 14 53		JULY .	4 10 19	4 2 31
	SEPT. .	4 20 37	5 0 11		AUG. .	2 23 3	2 17 0
	OCT. .	4 9 21	4 9 5		SEPT. .	1 11 47	1 8 54
	NOV. .	2 22 5	2 18 25		○	{ 1 0 31	1 1 31
	○	{ 2 10 49	2 4 41		OCT. .	{ 30 13 15	30 17 58
	DEC. ○	{ 17 5 11	17 10 39		NOV. .	29 1 59	29 9 30
		{ 31 23 33	31 16 10		DEC. .	28 14 43	28 23 33
1862.	JAN. .	30 12 17	30 4 55				
R.	FEB. .	...	{ ...	1865.	JAN. .	27 3 27	27 12 17
20 22 53	MAR. .	{ 1 1 1	{ 28 13 54	A.	FEB. .	25 16 11	25 22 57
	APRIL	{ 30 13 45	30 9 59	20 16 21	MAR. .	27 4 55	27 8 22
	MAY .	29 2 29	29 1 49		○	{ 10 23 17	11 6 35
	○	{ 12 9 35	12 8 48		APRIL	{ 25 17 39	25 16 50
	JUNE .	{ 27 3 57	27 9 6		MAY .	25 6 23	25 1 5
	JULY .	26 16 41	26 23 13		JUNE .	23 19 7	23 10 7
	AUG. .	25 5 25	25 11 54		JULY .	23 7 51	22 20 51
	SEPT. .	23 18 9	23 23 21		AUG. .	21 20 35	21 9 57
	OCT. .	23 6 53	23 10 4		SEPT. .	20 9 19	20 1 32
	NOV. .	21 19 37	21 20 34		○	{ 5 3 41	5 0 41
	○	{ 6 13 59	6 10 6		OCT. .	{ 19 22 3	19 19 0
	DEC. .	{ 21 8 21	21 7 15		NOV. .	18 10 47	18 13 17
					DEC. .	17 23 31	18 7 4

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1866. G. March. <i>d. h. m.</i> 20 22 10		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1869. C. March. <i>d. h. m.</i> 20 15 37		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 12 16	16 23 13		JAN. .	{ 13 3 26	12 21 23
	FEB. .	15 1 0	15 13 3		○	{ 27 21 48	28 4 10
	MAR. .	{ 16 13 44	17 0 25		FEB. .	11 16 10	11 16 2
	○	{ 31 8 6	31 6 39		MAR. .	13 4 54	13 10 39
	APRIL	15 2 28	15 9 38		APRIL	11 17 38	12 3 49
	MAY .	14 15 12	14 17 20		MAY .	11 6 22	11 18 32
	JUNE .	13 3 56	13 0 28		JUNE .	9 19 6	10 6 31
	JULY .	12 16 40	12 8 1		JULY .	{ 9 7 50	9 16 8
	AUG. .	11 5 24	10 17 9		○	{ 24 2 12	23 16 23
	SEPT. .	{ 9 18 8	9 4 47		AUG. .	7 20 31	8 0 16
	○	{ 24 12 30	24 16 19		SEPT. .	6 9 18	6 7 58
	OCT. .	9 6 52	8 19 22		OCT. .	5 22 2	5 16 13
	NOV. .	7 19 36	7 12 44		NOV. .	4 10 46	4 1 46
	DEC. .	7 8 20	7 7 47		DEC. .	3 23 30	3 13 9
1867. F. 21 3 59	JAN. .	5 21 4	6 3 2	1870. B. 20 21 26	JAN. .	{ 2 12 14	{ 2 2 33
	FEB. .	4 9 48	4 20 52		○	{ 17 6 36	{ 17 17 16
	MAR. .	{ 5 22 32	6 12 9		FEB. .	1 0 58	...
	○	{ 20 16 54	20 11 11		MAR. .	2 13 42	2 10 36
	APRIL	4 11 16	5 0 27		APRIL	{ 1 2 26	1 3 56
	MAY .	4 0 0	4 10 1		MAY .	{ 30 15 10	30 20 53
	JUNE .	2 12 44	2 17 39		JUNE .	30 3 54	30 12 25
	JULY .	{ 2 1 23	2 0 21		JUNE .	28 16 38	29 1 58
	○	{ 31 14 12	31 7 13		○	{ 13 11 0	13 0 57
	AUG. .	30 2 56	29 15 22		JULY .	{ 28 5 22	28 13 28
	○	{ 13 21 18	14 2 55		AUG. .	26 18 6	26 23 24
	SEPT. .	{ 23 15 40	23 1 46		SEPT. .	25 6 50	25 8 36
	OCT. .	23 4 24	27 15 8		OCT. .	24 19 34	24 17 51
	NOV. .	26 17 8	26 7 31		NOV. .	23 8 18	23 3 47
	DEC. .	26 5 52	26 2 12		DEC. .	22 21 2	22 14 42
1868. E.D. 20 9 45	JAN. .	24 18 37	24 21 46	1871. A. 21 3 14	○	{ 6 15 24	6 23 44
	FEB. .	23 7 21	23 16 33		JAN. .	{ 21 9 47	21 2 45
	MAR. .	23 20 5	24 9 4		FEB. .	19 22 31	19 15 55
	APRIL	22 8 49	22 22 33		MAR. .	21 11 15	21 6 12
	MAY .	21 21 33	22 9 7		APRIL	19 23 59	19 21 23
	JUNE .	20 10 17	20 17 23		MAY .	19 12 43	19 13 9
	JULY .	19 23 1	20 0 25		JUNE .	18 1 27	18 4 47
	AUG. .	18 11 45	18 7 21		○	{ 2 19 49	2 15 56
	SEPT. .	17 0 29	16 15 13		JULY .	{ 17 14 11	17 19 37
	OCT. .	16 13 13	16 0 45		AUG. .	16 2 55	16 9 13
	NOV. .	15 1 57	14 13 7		SEPT. .	14 15 39	14 21 30
	DEC. .	14 14 41	14 4 3		OCT. .	14 4 23	14 8 43
					NOV. .	12 17 7	12 19 36
					DEC. .	12 5 51	12 6 21

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1872. G.F. March. d. h. m. 20 9 3		d. h. m.	d. h. m.	A.D. 1875. C. March. d. h. m. 21 2 30		d. h. m.	d. h. m.
	JAN. .	10 18 35	10 17 11		JAN. .	7 9 45	7 19 34
	FEB. .	9 7 20	9 4 10		FEB. .	5 22 29	6 10 40
	MAR. .	9 20 4	9 15 23		MAR. .	7 11 13	7 23 12
	APRIL	8 8 48	8 3 8		APRIL	5 23 58	6 9 19
	MAY .	{ 7 21 32	7 15 50		MAY .	5 12 42	5 17 30
	○	{ 22 15 54	23 1 46		JUNE .	4 1 26	4 0 40
	JUNE .	6 10 16	6 5 40		JULY .	3 14 10	3 7 47
	JULY .	5 23 0	5 20 34		AUG. .	{ 2 2 54	1 15 57
	AUG. .	4 11 44	4 12 3		SEPT. .	{ 31 15 38	31 2 15
	SEPT. .	3 0 28	3 3 23		OCT. .	30 4 22	29 15 24
	OCT. .	2 13 12	2 18 13		NOV. .	29 17 6	29 7 34
	NOV. ○	{ 1 1 56	1 8 3		DEC. .	28 5 50	28 2 2
	DEC. .	{ 15 20 18	15 7 33			27 18 34	27 21 30
		{ 30 14 40	30 20 50				
		30 3 24	30 8 43	1876. B.A. 20 8 19	JAN. .	26 7 18	26 16 16
1873. E. 20 14 52	JAN. .	28 16 8	28 19 52		FEB. .	24 20 2	25 8 55
	FEB. .	27 4 52	27 6 8		○	{ 10 14 24	10 8 41
	MAR. .	28 17 36	28 15 49		MAR. .	{ 25 3 46	25 22 38
	APRIL	27 6 20	27 1 25		APRIL	23 21 30	24 9 24
	○	{ 12 0 42	12 13 42		MAY .	23 10 14	23 17 48
	MAY .	{ 26 19 4	26 11 40		JUNE .	21 22 58	22 0 47
	JUNE .	25 7 48	24 23 19		JULY .	21 11 42	21 7 26
	JULY .	24 20 32	24 12 49		AUG. .	20 0 26	19 14 51
	AUG. .	23 9 16	23 4 7		○	{ 3 18 48	3 23 45
	SEPT. .	21 22 0	21 20 40		SEPT. .	{ 18 13 10	18 0 5
	OCT. .	21 10 44	21 13 35		OCT. .	18 1 54	17 12 0
	○	{ 5 5 6	4 17 58		NOV. .	16 14 38	16 2 53
	NOV. .	{ 19 23 28	20 5 56		DEC. .	16 3 22	15 20 39
	DEC. .	19 12 12	19 21 2				
1874. D. 20 20 41	JAN. .	18 0 57	18 10 28	1877. G. 20 14 7	JAN. .	14 16 7	14 15 53
	FEB. .	16 13 41	16 22 5		FEB. .	{ 18 4 51	18 11 16
	MAR. .	18 2 25	18 8 1		○	{ 27 23 13	27 21 51
	APRIL	16 15 9	16 16 41		MAR. .	14 17 35	15 4 53
	○	{ 1 9 31	1 18 15		APRIL	13 6 19	13 19 57
	MAY .	{ 16 3 53	16 0 45		MAY .	12 19 3	13 7 53
	JUNE .	14 16 37	14 9 4		JUNE .	11 7 47	11 17 8
	JULY .	14 5 21	13 18 42		JULY .	10 20 31	11 0 41
	AUG. .	12 18 5	12 6 32		AUG. .	{ 9 9 15	9 7 33
	SEPT. .	11 6 49	10 20 54		○	{ 24 8 37	24 1 44
	OCT. .	{ 10 19 33	10 13 44		SEPT. .	7 21 59	7 15 2
	○	{ 25 13 55	25 9 24		OCT. .	7 10 43	6 23 50
	NOV. .	9 8 17	9 7 57		NOV. .	5 23 27	5 10 49
	DEC. .	8 21 1	9 2 21		DEC. .	5 12 11	5 0 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1878.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1881.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.	JAN. .	4 0 55	3 16 35	B.	JAN. .	30 4 49	30 3 5
	FEB. .	{ 2 13 40	2 10 36	March.	FEB. .	28 17 33	28 13 58
	○	{ 17 8 2	17 13 53	<i>d. h. m.</i>	MAR. .	30 6 17	30 1 7
March.	MAR. .	4 2 24	4 5 14	20 13 23	APRIL	28 19 1	28 13 0
<i>d. h. m.</i>	APRIL	2 15 8	2 23 7		MAY .	28 7 45	28 1 59
20 19 56	MAY .	{ 2 3 52	2 15 2		○	{ 12 2 7	12 9 23
	JUNE .	{ 31 16 36	{ 1 4 21		JUNE .	{ 26 20 29	26 16 15
	JULY .	30 5 20	30 15 8		JULY .	26 9 13	26 7 30
	○	{ 13 12 26	13 2 41		AUG. .	24 21 57	24 23 9
	AUG. .	{ 28 6 43	28 7 57		SEPT. .	23 10 41	23 14 35
	SEPT. .	26 19 32	26 16 1		OCT. .	22 23 25	23 5 11
	OCT. .	26 8 16	26 1 0		NOV. .	21 12 9	21 18 47
	NOV. .	24 21 0	24 11 33		○	{ 6 6 31	5 19 30
	DEC. .	24 9 44	23 23 56		DEC. .	{ 21 0 53	21 7 21
1879.	JAN. .	22 22 23	22 14 12	1882.	JAN. .	19 13 38	19 13 54
E.	FEB. .	21 11 12	21 6 5	A.	FEB. .	18 2 22	18 5 38
21 1 45	MAR. .	22 23 56	22 22 53	20 19 12	MAR. .	19 15 6	19 15 12
	APRIL	21 12 40	21 16 2		APRIL	18 3 50	18 0 30
	MAY .	21 1 24	21 8 12		MAY .	17 16 34	17 10 5
	JUNE .	19 14 8	19 22 43		JUNE .	16 5 18	15 20 45
	JULY .	19 2 52	19 11 24		JULY .	15 18 2	15 9 10
	AUG. .	17 15 36	17 22 14		AUG. .	14 6 46	13 23 35
	SEPT. .	16 4 20	16 7 56		SEPT. .	12 19 30	12 15 44
	OCT. .	15 17 4	15 17 18		OCT. .	12 8 14	12 8 49
	NOV. .	14 5 43	14 3 3		NOV. .	10 20 53	11 1 50
	DEC. .	{ 13 18 32	13 13 34		DEC. .	10 9 42	10 17 32
	○	{ 28 12 54	28 18 44				
1880.	JAN. .	12 7 16	12 1 0	1883.	JAN. .	8 22 26	9 8 13
D.C.	FEB. .	10 20 1	10 13 27	G.	FEB. .	7 11 11	7 20 51
20 7 34	MAR. .	11 8 45	11 2 54	21 1 0	MAR. .	8 23 55	9 7 30
	APRIL	9 21 29	9 17 23		APRIL	{ 7 12 39	7 16 34
	MAY .	9 10 13	9 8 39		○	{ 22 7 1	22 13 37
	JUNE .	{ 7 22 57	8 0 17		MAY .	7 1 23	7 0 37
	○	{ 22 17 19	22 16 17		JUNE .	5 14 7	5 8 30
	JULY .	7 11 41	7 15 35		JULY .	5 2 51	4 17 13
	AUG. .	6 0 25	6 5 59		AUG. .	3 15 35	3 8 47
	SEPT. .	4 13 9	4 19 8		SEPT. .	2 4 19	1 16 54
	OCT. .	4 1 53	4 7 9		○	{ 1 17 3	1 8 40
	NOV. .	2 14 37	2 18 26		OCT. ○	{ 16 11 25	16 8 58
	○	{ 2 3 21	2 5 23			{ 31 5 47	31 2 30
	DEC. ○	{ 16 21 43	16 18 2		NOV. .	29 18 31	29 21 10
		{ 31 16 5	31 16 14		DEC. .	29 7 15	29 15 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1884. F.E. March. d. h. m. 20 6 49		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1887. B. March. d. h. m. 21 0 16		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	27 19 59	28 7 38		JAN. .	24 11 9	24 5 28
	FEB. .	26 8 43	26 21 27		○	{ 8 5 31	8 12 57
	MAR. .	26 21 27	27 8 36		FEB. .	{ 22 23 53	22 23 45
	○	{ 10 15 49	10 13 52		MAR. .	24 12 37	24 18 1
	APRIL	{ 25 10 11	25 17 32		APRIL	23 1 21	23 10 53
	MAY .	24 22 55	25 0 58		MAY .	22 14 5	23 1 30
	JUNE .	23 11 39	23 7 52		JUNE .	21 2 49	21 13 31
	JULY .	23 0 23	22 15 19		JULY .	20 15 33	20 23 20
	AUG. .	21 13 7	21 0 26		○	{ 4 9 55	3 23 10
	SEPT. .	20 1 51	19 12 7		AUG. .	{ 19 4 17	19 7 46
	○	{ 4 20 13	5 0 15		SEPT. .	17 17 1	17 15 51
	OCT. .	{ 19 14 35	19 2 54		OCT. .	17 5 45	17 0 30
	NOV. .	18 3 19	17 20 27		NOV. .	15 18 29	15 10 23
	DEC. .	17 16 3	17 15 42		DEC. .	15 7 13	14 21 52
1885. D. 20 12 38				1888. A.G. 20 6 5			
	JAN. .	16 4 48	16 11 5		JAN. .	{ 13 19 57	13 11 8
	FEB. .	14 17 32	15 4 56		○	{ 28 14 19	29 1 51
	MAR. .	{ 16 6 16	16 20 8		FEB. .	12 8 41	12 2 2
	○	{ 31 0 38	30 18 59		MAR. .	12 21 26	12 18 17
	APRIL	14 19 0	15 8 15		APRIL	11 10 10	11 11 6
	MAY .	14 7 44	14 17 33		MAY .	10 22 54	11 3 38
	JUNE .	12 20 28	13 1 9		JUNE .	9 11 38	9 19 3
	JULY .	12 9 12	12 7 43		JULY .	{ 9 0 22	9 8 44
	AUG. .	10 21 56	10 14 45		○	{ 23 18 44	23 8 8
	SEPT. .	{ 9 10 40	8 23 1		AUG. .	7 13 6	7 20 34
	○	{ 24 5 2	24 10 19		SEPT. .	6 1 50	6 6 53
	OCT. .	8 23 24	8 9 36		OCT. .	5 14 34	5 16 39
	NOV. .	7 12 8	6 23 7		NOV. .	4 8 18	4 2 22
	DEC. .	7 0 52	6 15 31		DEC. .	3 16 2	3 12 37
1886. C. 20 18 27				1889. F. 20 11 53			
	JAN. .	5 13 36	5 10 12		JAN. ○	{ 2 4 46	1 23 33
	FEB. .	4 2 21	4 5 40		{ 16 23 8	17 7 54	
	MAR. .	5 15 5	6 0 16		{ 31 17 30	31 11 27	
	APRIL	4 3 49	4 16 35		FEB. .	...	...
	MAY .	3 16 33	4 5 57		MAR. .	{ 2 6 14	2 0 8
	JUNE .	2 5 17	2 16 27		{ 31 18 59	31 18 49	
	JULY .	{ 1 18 1	2 0 45		APRIL	30 7 43	30 4 26
	{ 31 6 45	31 7 56			MAY .	29 20 27	29 19 45
	AUG. .	29 19 29	29 15 4		JUNE .	28 9 11	28 11 14
	SEPT. .	28 8 13	27 23 12		○	{ 13 8 33	12 23 22
	OCT. .	27 20 57	27 9 11		JULY .	{ 27 21 55	28 2 14
	NOV. .	26 9 41	25 21 31		AUG. .	26 10 39	26 16 14
	DEC. .	25 22 25	25 12 24		SEPT. .	24 23 23	25 5 5
					OCT. .	24 12 7	24 16 57
					NOV. .	23 0 51	23 4 17
					DEC. .	22 13 33	22 15 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1890. E. March. d. h. m. 20 17 42		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1893. A. March. d. h. m. 20 11 9		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	21 2 19	21 2 9		JAN. .	17 17 29	18 3 54
	FEB. .	19 15 3	19 12 47		FEB. .	16 6 13	16 19 3
	MAR. .	21 3 47	20 23 34		MAR. .	17 18 57	18 7 27
	APRIL	19 16 31	19 10 44		APRIL	16 7 41	16 17 17
	MAY .	19 5 15	18 22 51		MAY .	15 20 25	16 1 14
	○	{ 2 23 37	{ 3 9 12		JUNE .	14 9 9	14 8 10
	JUNE .	{ 17 17 59	{ 17 12 16		JULY .	13 21 53	13 15 9
	JULY .	17 6 43	17 3 0		AUG. .	12 10 37	11 23 16
	AUG. .	15 19 27	15 18 38		SEPT. .	10 23 21	10 9 38
	SEPT. .	14 8 11	14 10 23		OCT. .	10 12 5	9 22 55
	OCT. .	13 20 55	14 1 49		NOV. .	9 0 49	8 15 14
	NOV. .	{ 12 9 39	{ 12 16 14		DEC. .	8 13 33	8 9 53
	○	{ 27 4 1	{ 26 15 47				
	DEC. .	11 22 23	12 5 33				
1891. D. 20 23 31	JAN. .	10 11 7	10 17 42	1894. G. 20 16 58	JAN. .	7 2 17	7 5 28
	FEB. .	8 23 52	9 4 43		FEB. .	5 15 2	6 0 18
	MAR. .	10 12 36	10 14 40		MAR. .	{ 7 3 46	{ 7 16 52
	APRIL	9 1 20	8 23 54		○	{ 21 22 8	{ 21 16 44
	MAY .	{ 8 14 4	{ 8 9 0		APRIL	5 16 30	6 6 27
	○	{ 23 8 26	{ 23 20 50		MAY .	5 5 14	5 17 3
	JUNE .	7 2 48	6 18 48		JUNE .	3 17 58	4 1 19
	JULY .	6 15 32	6 6 6		JULY .	3 6 42	3 8 14
	AUG. .	5 4 16	4 19 28		AUG. .	{ 1 19 26	{ 1 14 56
	SEPT. .	3 17 0	3 10 54		○	{ 31 8 10	{ 30 22 28
	OCT. .	3 5 44	3 3 48		SEPT. .	{ 15 2 32	{ 15 6 55
	NOV. .	{ 1 18 28	{ 1 21 13		OCT. .	{ 29 20 54	{ 29 7 55
	○	{ 16 12 50	{ 16 2 30		NOV. .	29 9 38	28 19 59
	DEC. .	{ 1 7 12	{ 1 14 6		DEC. .	27 22 22	27 11 3
		{ 30 19 56	{ 31 5 35			27 11 6	27 4 44
1892. C.B. 20 5 20	JAN. .	29 8 41	29 19 11	1895. F. 20 22 46	JAN. .	25 23 50	25 23 53
	FEB. .	27 21 25	28 6 41		FEB. .	24 12 31	24 19 0
	MAR. .	28 10 9	28 16 20		○	{ 11 6 56	{ 11 6 20
	APRIL	26 22 53	27 0 37		MAR. .	{ 26 1 18	{ 26 12 29
	○	{ 11 17 15	{ 12 1 4		APRIL	24 14 2	25 3 18
	MAY .	{ 26 11 37	{ 26 8 17		MAY .	24 2 46	24 15 8
	JUNE .	25 0 21	24 16 18		JUNE .	22 15 30	23 0 26
	JULY .	24 13 5	24 1 45		JULY .	22 4 14	22 8 6
	AUG. .	23 1 49	22 13 31		AUG. .	20 16 58	20 15 14
	SEPT. .	21 14 33	21 4 3		○	{ 4 11 20	{ 4 8 30
	OCT. .	21 3 17	20 21 5		SEPT. .	{ 19 5 42	{ 18 22 55
	○	{ 4 21 39	{ 4 17 57		OCT. .	18 18 26	18 8 2
	NOV. .	{ 19 16 1	{ 19 15 41		NOV. .	17 7 10	16 19 15
	DEC. .	19 4 45	19 10 26		DEC. .	16 19 54	16 8 52

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1896. E.D.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1899. A. March. <i>d. h. m.</i> 20 22 2		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 20 4 35	JAN. .	15 8 39	15 0 51		JAN. .	11 23 48	12 1 13
	FEB. .	{ 13 21 23	13 18 30		FEB. .	10 12 32	10 11 52
	○	{ 28 15 45	28 22 30		MAR. .	12 1 16	11 22 21
	MAR. .	14 10 7	14 12 43		APRIL	10 14 1	10 8 59
	APRIL	12 22 51	13 6 15		MAY .	10 2 45	9 20 16
	MAY .	12 11 35	12 21 57		JUNE .	{ 8 15 29	8 8 45
	JUNE .	11 0 19	11 11 16		○	{ 23 9 51	23 16 47
	JULY .	10 13 3	10 22 12		JULY .	8 4 13	7 22 44
	AUG. .	{ 9 1 47	9 7 21		AUG. .	6 16 57	6 12 1
	○	{ 23 20 9	23 9 30		SEPT. .	5 5 41	5 5 59
	SEPT. .	7 14 31	7 15 41		OCT. .	4 18 25	4 21 55
	OCT. .	7 3 15	7 0 10		NOV. .	3 7 9	3 13 9
	NOV. .	5 15 59	5 9 32		DEC. .	{ 2 19 53	3 3 18
	DEC. .	5 4 43	4 20 17		○	{ 17 14 15	17 3 48
1897. C.	JAN. .	3 17 27	3 8 38	1900. G.	JAN. .	{ 1 8 37	1 16 11
20 10 24	FEB. .	2 6 11	1 22 35		FEB. .	{ 30 21 22	31 3 46
	MAR. .	3 18 56	3 13 58		...	...	...
	APRIL	2 7 40	2 6 18	21 3 51	MAR. .	{ 1 10 6	1 14 6
	MAY .	{ 1 20 24	1 22 52		APRIL	{ 30 22 50	30 23 28
	JUNE .	{ 31 9 8	31 14 50		MAY .	29 11 34	29 8 17
	JULY .	29 21 52	30 5 26		○	29 0 18	28 17 24
	AUG. .	29 10 36	29 18 18		JUNE .	{ 12 18 40	13 5 57
	SEPT. .	27 23 20	28 5 35		JULY .	{ 27 18 2	27 3 41
	OCT. .	26 12 4	26 15 48		AUG. .	27 1 46	26 15 53
	NOV. .	26 0 48	26 1 41		SEPT. .	25 14 30	25 6 20
	DEC. .	24 13 32	24 11 49		OCT. .	24 3 14	23 22 44
	○	24 2 16	23 22 31		NOV. .	23 15 53	23 16 15
1898. B.	JAN. .	{ 7 20 38	8 2 48		DEC. .	22 4 42	22 9 47
20 16 13	FEB. .	{ 22 15 0	22 9 51		...	21 17 26	22 2 16
	MAR. .	21 3 44	20 21 54	1901. F.	JAN. .	20 6 10	20 16 53
	APRIL	22 16 23	22 10 46	21 9 39	FEB. .	18 18 54	19 5 29
	MAY .	21 5 12	21 0 37		MAR. .	20 7 38	20 15 54
	JUNE .	20 17 56	20 15 23		APRIL	18 20 22	19 0 36
	○	19 6 40	19 6 44		MAY .	18 9 6	18 3 17
	JULY .	{ 4 1 2	3 23 43		JUNE .	16 21 50	16 15 51
	AUG. .	{ 18 19 24	18 22 3		JULY .	16 10 34	16 0 21
	SEPT. .	17 8 8	17 12 46		AUG. .	14 23 18	14 10 43
	NOV. .	15 20 52	16 2 27		SEPT. .	13 12 2	12 23 53
	DEC. .	15 9 36	15 15 5		OCT. .	{ 13 0 46	12 15 57
	○	13 22 20	14 2 55		○	{ 27 19 8	27 17 43
		{ 13 11 4	13 14 14		NOV. .	11 13 30	11 10 4
		{ 28 5 26	28 1 59		DEC. .	11 2 14	11 5 5

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1902. E. March. d. h. m. 21 15 28		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1905. A. March. d. h. m. 21 8 55		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	9 14 58	9 23 31		JAN. .	6 6 8	5 20 43
	FEB. .	8 3 43	8 15 58		FEB. .	{ 4 18 53	4 13 33
	MAR. .	9 16 27	10 5 43		○	19 13 15	19 21 40
	APRIL	{ 8 5 11	8 16 40		MAR. .	6 7 37	6 7 25
	○	22 23 33	22 20 59		APRIL	4 20 21	5 1 14
	MAY .	7 17 55	8 1 19		MAY .	4 9 5	4 17 50
	JUNE .	6 6 39	6 8 32		JUNE .	2 21 49	3 8 21
	JULY .	5 19 23	5 15 16		JULY .	{ 2 10 33	2 20 28
	AUG. .	4 8 7	3 22 41		○	31 23 17	{ 1 6 33
	SEPT. .	2 20 51	2 7 50		AUG. .	{ 15 17 39	{ 15 6 3
		{ 2 9 35	1 19 40		SEPT. .	30 12 1	30 15 22
	OCT. ○	{ 17 3 57	17 8 21		OCT. .	29 0 45	28 23 53
		31 22 19	31 10 35		NOV. .	28 13 29	28 8 56
	NOV. .	30 11 3	30 4 17		DEC. .	27 2 13	26 19 6
	DEC. .	29 23 47	29 23 40			26 14 57	26 6 39
1903. D. 21 21 17	JAN. .	28 12 32	28 19 6	1906. G. 21 14 44	JAN. .	25 3 41	24 19 42
	FEB. .	27 1 16	27 12 54		○	{ 8 22 3	9 10 20
	MAR. .	28 14 0	29 3 57		FEB. .	{ 23 16 25	23 10 10
	○	{ 12 8 22	12 2 40		MAR. .	25 5 9	25 1 48
	APRIL	{ 27 2 44	27 15 54		APRIL	23 17 53	23 18 5
	MAY .	26 15 28	27 1 10		MAY .	23 6 37	23 10 16
	JUNE .	25 4 12	25 8 36		JUNE .	21 19 21	22 1 38
	JULY .	24 16 56	24 15 17		JULY .	21 8 5	21 15 27
	AUG. .	23 5 40	22 22 21		○	{ 5 2 27	4 15 21
	SEPT. .	21 18 24	21 6 49		AUG. .	{ 19 20 49	20 3 41
	○	{ 6 12 46	6 17 50		SEPT. .	18 9 33	18 14 36
	OCT. .	{ 21 7 8	20 17 36		OCT. .	17 22 17	18 0 50
	NOV. .	19 19 52	19 7 14		NOV. .	16 11 1	16 11 2
	DEC. .	19 8 36	18 23 41		DEC. .	15 23 45	15 21 31
1904. G.B. 21 3 6	JAN. .	17 21 20	17 18 13	1907. F. 21 20 32	JAN. .	{ 14 12 29	14 8 32
	FEB. .	16 10 4	16 13 27		○	{ 29 6 51	29 16 1
	MAR. .	16 22 48	17 7 47		FEB. .	13 1 13	12 20 4
	APRIL	15 11 32	15 23 55		MAR. .	14 13 58	14 8 16
	MAY .	15 0 16	15 13 11		APRIL	13 2 42	12 21 19
	JUNE .	13 13 0	13 23 39		MAY .	12 15 26	12 11 22
	JULY .	13 1 44	13 8 3		JUNE .	11 4 10	11 2 17
	AUG. .	11 14 28	11 15 26		JULY .	{ 10 16 54	10 17 40
	SEPT. .	10 3 12	9 22 53		○	{ 25 11 16	25 6 47
	OCT. .	9 15 56	9 7 21		AUG. .	9 5 38	9 8 51
	NOV. .	8 4 40	7 17 35		SEPT. .	7 18 22	7 23 18
	DEC. .	7 17 24	7 6 1		OCT. .	7 7 6	7 12 45
					NOV. .	5 19 50	6 1 14
					DEC. .	5 8 34	5 13 1

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1908. E.D. March. d. h. m. 21 2 21		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1911. A. March. d. h. m. 21 19 48		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	3 21 18	4 0 15		JAN. .	30 1 12	30 12 9
	FEB. .	2 10 3	2 11 2		FEB. .	28 13 56	...
	MAR. .	2 22 47	2 21 26		MAR. .	30 2 41	{ 1 3 17 30 15 32
	APRIL	1 11 31	{ 1 7 39 30 18 15		APRIL	28 15 25	29 1 10
	MAY .	{ 1 0 15 30 12 59	30 5 49		MAY .	28 4 9	28 8 51
	JUNE .	29 1 43	28 18 54		JUNE .	26 16 53	26 15 37
	JULY .	28 14 27	28 9 32		JULY .	26 5 37	25 22 32
	AUG. .	27 3 11	27 1 19		AUG. .	24 18 21	24 6 43
	SEPT. .	25 15 55	25 17 35		SEPT. .	23 7 5	22 17 10
	OCT. .	25 4 39	25 9 31		OCT. .	22 19 49	22 6 37
	NOV. .	23 17 23	24 0 32		NOV. .	21 8 33	20 23 5
	DEC. .	23 6 7	23 14 15		DEC. .	20 21 17	20 17 51
1909. C. 21 8 10	JAN. .	21 18 51	22 2 33	1912. G.F. 21 1 37	JAN. .	19 10 1	19 13 23
	FEB. .	20 7 35	20 13 26		FEB. .	17 22 45	18 8 13
	MAR. .	21 20 19	21 23 4		MAR. .	18 11 29	19 0 40
	APRIL	20 9 3	20 7 51		○	{ 2 5 51 17 0 13	2 0 40 17 14 6
	MAY .	19 21 47	19 16 28		MAY .	16 12 57	17 0 34
	○	{ 8 16 9 18 10 31	4 8 49 13 1 51		JUNE .	15 1 41	15 8 44
	JUNE .	17 23 15	17 12 54		JULY .	14 14 25	14 15 39
	AUG. .	16 11 59	16 2 12		AUG. .	13 3 9	12 22 29
	SEPT. .	15 0 43	14 17 46		SEPT. .	{ 11 15 53 26 10 15	11 6 14 26 14 10
	OCT. .	14 18 27	14 11 3		○	11 4 37	10 15 53
	NOV. .	{ 13 2 11 27 20 33	13 4 57 27 11 9		OCT. .	9 17 21	9 4 8
	○	{ 27 20 33 12 14 55	27 11 9 12 22 19		NOV. .	9 6 5	8 19 15
	DEC. .	12 14 55	12 22 19		DEC. .		
1910. B. 21 13 59	JAN. .	11 3 39	11 14 8	1913. E. 21 7 25	JAN. .	7 18 49	7 12 49
	FEB. .	9 16 24	10 3 47		FEB. .	6 7 34	6 7 46
	MAR. .	11 5 8	11 15 8		MAR. .	{ 7 20 18 22 14 40	8 2 36 22 14 43
	APRIL	9 17 52	10 0 29		○	6 9 2	6 19 50
	MAY .	{ 9 6 36 24 0 58	9 8 25 24 7 46		APRIL	5 21 46	6 10 31
	○	{ 24 0 58 7 19 20	24 7 46 7 15 45		MAY .	4 10 30	4 22 18
	JUNE .	7 19 20	7 15 45		JUNE .	3 23 14	4 7 40
	JULY .	7 8 4	6 23 31		AUG. .	2 11 53	{ 2 15 32 31 22 53
	AUG. .	5 20 48	5 8 50		○	{ 1 0 42 15 19 4	31 22 53 15 15 22
	SEPT. .	4 9 32	3 20 37		SEPT. ○	{ 30 13 26 80 2 10	30 7 0 29 16 25
	OCT. .	3 22 16	3 11 16		OCT. .	28 14 54	28 3 47
	NOV. .	{ 2 11 0 17 5 22	2 4 31 17 2 36		NOV. .	28 3 38	27 17 24
	○	{ 17 5 22 1 23 44	17 2 36 1 23 29		DEC. .		
	DEC. .	{ 1 23 44 31 12 28	1 23 29 31 13 32				

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1914. D.		d. h. m.	d. h. m.	A.D. 1917. G.		d. h. m.	d. h. m.
March. d. h. m.	JAN. .	26 16 23	26 9 7	March. d. h. m.	JAN. .	8 13 10	8 10 1
21 13 14	FEB. .	25 5 7	25 2 19	21 6 41	FEB. .	23 7 33	23 10 11
	O	11 23 29	12 7 3		MAR. .	21 20 17	21 20 37
	MAR. .	26 17 51	26 20 3		MAR. .	23 9 1	23 6 39
	APRIL	25 6 35	25 13 13		APRIL	21 21 45	21 16 43
	MAY .	24 19 19	25 4 46		MAY .	21 10 29	21 3 27
	JUNE .	23 8 3	23 18 7		JUNE .	19 23 13	19 15 32
	JULY .	22 20 47	23 5 16		O	4 17 35	5 0 6
	AUG. .	21 9 31	21 14 48		JULY .	19 11 57	19 5 17
	O	5 3 53	4 16 23		AUG. .	18 0 41	17 20 37
	SEPT. .	19 22 15	19 23 34		SEPT. .	16 13 25	16 12 55
	OCT. .	19 10 59	19 8 29		OCT. .	16 2 9	16 5 23
	NOV. .	17 23 43	17 18 13		NOV. .	14 14 53	14 21 13
	DEC. .	17 12 27	17 5 6		DEC. .	14 3 37	14 11 51
					O	28 21 59	28 12 9
1915. C.	JAN. .	16 1 11	15 17 21	1918. F.	JAN. .	12 16 21	13 1 0
21 19 3	FEB. .	14 13 55	14 6 56	21 12 30	FEB. .	11 5 5	11 12 33
	MAR. .	16 2 39	15 21 45		MAR. .	12 17 49	12 22 39
	APRIL	14 15 23	14 13 30		APRIL	11 6 33	11 7 34
	MAY .	14 4 7	14 5 36		MAY .	10 19 17	10 15 57
	JUNE .	12 16 51	12 21 22		JUNE .	9 8 1	9 0 34
	JULY .	12 5 33	12 12 2		O	24 2 23	24 12 57
	AUG. .	10 18 19	11 1 14		JULY .	8 20 45	8 10 36
	SEPT. .	9 7 3	9 13 0		AUG. .	7 9 29	6 22 39
	OCT. .	8 19 47	8 23 47		SEPT. .	5 22 13	5 13 10
	NOV. .	7 8 31	7 10 10		OCT. .	5 10 57	5 5 50
	DEC. .	6 21 15	6 20 33		NOV. .	3 23 41	3 23 46
					DEC. .	3 12 25	3 17 49
1916. B.A.	JAN. .	5 9 59	5 7 27	1919. E.	JAN. .	2 1 9	2 10 40
21 0 52	O	20 4 22	20 10 52	21 18 18	FEB. .	31 13 54	1 1 32
	FEB. .	3 22 44	3 18 39		...	...	...
	MAR. .	4 11 23	4 6 16		MAR. .	2 2 38	2 13 59
	APRIL	3 0 12	2 18 33		O	31 15 22	1 0 9
	MAY .	2 12 56	2 7 47		APRIL	30 4 6	30 8 32
	JUNE .	1 1 40	31 22 5		MAY .	29 16 50	29 15 52
	O	15 8 46	15 7 9		JUNE .	28 5 34	27 23 10
	JULY .	30 3 8	30 4 36		JULY .	27 18 18	27 7 31
	AUG. .	28 15 52	28 19 39		AUG. .	26 7 2	25 17 57
	SEPT. .	27 4 36	27 9 53		SEPT. .	24 19 46	24 7 18
	OCT. .	26 17 20	26 23 8		OCT. .	21 8 30	23 28 23
	NOV. .	25 6 4	25 11 30		O	8 2 52	8 1 56
	DEC. .	24 18 43	24 23 9		NOV. .	22 21 14	22 17 48
					DEC. .	22 9 58	22 18 5

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1920. D.C. March. d. h. m. 21 0 7		d. h. m.	d. h. m.	A.D. 1923. G. March. d. h. m. 21 17 34		d. h. m.	d. h. m.
	JAN. .	20 22 42	21 7 40		JAN. .	17 13 52	17 5 12
	FEB. .	19 11 26	20 0 10		FEB. .	16 2 36	15 21 32
	MAR. .	20 0 10	20 13 48		○ {	2 20 58	3 6 14
	APRIL	18 12 54	19 0 34		MAR. .	17 15 20	17 14 55
	○ {	3 7 16	3 4 0		APRIL	16 4 4	16 8 18
	MAY .	18 1 38	18 8 59		MAY .	15 16 48	16 0 38
	JUNE .	16 14 22	16 16 1		JUNE .	14 5 32	14 15 6
	JULY .	16 3 6	15 22 41		JULY .	13 18 16	14 3 24
	AUG. .	14 15 50	14 6 7		AUG. .	12 7 0	12 13 49
	SEPT. .	13 4 34	12 15 23		○ {	27 1 22	26 13 1
	OCT. .	12 17 18	12 3 20		SEPT. .	10 19 44	10 23 4
	○ {	27 11 40	27 16 32		OCT. .	10 8 28	10 8 3
	Nov. .	11 6 2	10 18 25		Nov. .	8 21 12	8 17 29
	DEC. .	10 18 46	10 12 12		DEC. .	8 9 56	8 3 54
1921. B. 21 5 56	JAN. .	9 7 30	9 7 37	1924. F.E. 20 23 23	JAN. .	6 22 40	6 15 27
	FEB. .	7 20 14	8 2 58		FEB. .	5 11 24	5 4 14
	MAR. .	9 8 59	9 20 40		○ {	20 5 46	20 18 41
	APRIL	7 21 43	8 11 35		MAR. .	6 0 9	5 18 12
	○ {	22 16 5	22 10 15		APRIL	4 12 53	4 9 14
	MAY .	7 10 27	7 28 24		MAY .	4 1 37	4 1 0
	JUNE .	5 23 11	6 8 34		JUNE .	2 14 21	2 16 52
	JULY .	5 11 55	5 15 59		JULY .	2 3 5	2 8 9
	AUG. .	4 0 39	3 22 47		○ {	31 15 49	31 22 13
	SEPT. .	2 13 23	2 6 3		AUG. .	15 10 11	14 22 42
	○ {	2 2 7	1 14 45		SEPT. .	30 4 33	30 10 54
	OCT. ○	16 20 29	17 1 26		SEPT. .	28 17 17	28 22 22
	○ {	31 14 51	31 1 44		OCT. .	28 6 1	28 9 10
	Nov. .	30 3 35	29 15 28		Nov. .	26 18 45	26 19 46
	DEC. .	29 16 19	29 7 52		DEC. .	26 7 29	26 6 30
1922. A. 21 11 45	JAN. .	28 5 4	28 2 12	1925. D. 21 5 11	JAN. .	24 20 14	24 17 27
	FEB. .	26 17 43	26 21 7		○ {	8 14 36	9 0 3
	MAR. .	28 6 32	28 15 10		FEB. .	23 8 58	23 4 39
	APRIL	26 19 16	27 7 7		MAR. .	24 21 42	24 13 18
	MAY .	23 8 0	26 20 18		APRIL	23 10 26	23 4 44
	JUNE .	24 20 44	25 6 50		MAY .	22 23 10	22 18 14
	JULY .	24 9 28	24 15 24		JUNE .	21 11 54	21 8 50
	AUG. .	22 22 12	22 23 4		JULY .	21 0 33	21 0 8
	SEPT. .	21 10 56	21 6 51		○ {	4 19 0	4 14 17
	OCT. .	20 23 40	20 15 39		AUG. .	19 13 22	19 15 34
	Nov. .	19 12 24	19 2 6		SEPT. .	18 2 6	18 6 30
	DEC. .	19 1 8	18 14 37		OCT. .	17 14 50	17 20 33
					Nov. .	16 3 34	16 9 33
					DEC. .	15 16 13	15 21 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1926. C. March. d. h. m. 21 11 0		d. h. m.	d. h. m.	A.D. 1929. F. March. d. h. m. 21 4 27		d. h. m.	d. h. m.
	JAN. .	14 5 2	14 9 12		JAN. .	10 20 12	11 2 36
	FEB. .	12 17 46	12 19 51		FEB. .	9 8 56	9 20 19
	MAR. .	14 6 30	14 5 53		MAR. .	10 21 40	11 11 24
	APRIL	12 19 14	12 15 36		APRIL	9 10 24	9 23 28
	MAY .	12 7 58	12 1 39		MAY .	8 23 8	9 8 52
	JUNE .	10 20 42	10 12 44		JUNE .	7 11 52	7 16 23
	JULY .	10 9 26	10 1 30		JULY .	7 0 36	6 23 3
	AUG. .	8 22 10	8 16 5		AUG. .	5 13 20	5 5 59
	SEPT. .	7 10 54	7 8 5		SEPT. .	4 2 4	3 14 16
	OCT. .	6 23 38	7 0 48		OCT. .	3 14 48	3 0 52
	NOV. .	5 12 22	5 17 19		NOV. .	2 3 32	1 14 27
	DEC. .	5 1 6	5 8 52		DEC. .	1 16 16 31 5 0	1 7 1 31 1 48
1927. B. 21 16 49	JAN. .	3 13 50	3 22 57	1903. E. 21 10 16	JAN. .	29 17 44	29 21 22
	FEB. .	2 2 35	2 11 22		FEB. .	28 6 29	28 16 0
	MAR. .	3 15 19	3 22 5		MAR. .	29 19 13	30 8 18
	APRIL	2 4 3	2 7 21		○	13 13 35	13 8 29
	MAY .	1 16 47 31 5 31	1 15 41 30 23 54		APRIL	28 7 57	28 21 36
	○	14 23 53	15 10 44		MAY .	27 20 41	28 7 57
	JUNE .	29 18 15	29 8 57		JUNE .	26 9 25	26 16 7
	JULY .	29 6 59	28 19 47		JULY .	25 22 9	25 23 8
	AUG. .	27 19 48	27 9 3		AUG. .	24 10 58	24 6 8
	SEPT. .	26 8 27	26 0 48		SEPT. .	22 23 37	22 14 8
	OCT. .	25 21 11	25 18 47		○	7 17 59	7 21 33
	NOV. .	24 9 55	24 12 48		OCT. .	22 12 21	22 0 1
	○	9 4 17	8 19 54		NOV. .	21 1 5	20 12 26
	DEC. .	23 22 39	24 6 34		DEC. .	20 18 49	20 3 31
1928. A.G. 20 22 38	JAN. .	22 11 24	22 22 38	1931. D. 21 16 4	JAN. .	19 2 34	18 20 56
	FEB. .	21 0 8	21 12 18		FEB. .	17 15 18	17 15 34
	MAR. .	21 12 52	21 23 29		MAR. .	19 4 2	19 10 4
	APRIL	20 1 36	20 8 30		○	2 22 24	2 22 56
	MAY .	19 14 20	19 16 6		APRIL	17 16 46	18 3 3
	○	3 8 42	3 14 23		MAY .	17 5 30	17 17 35
	JUNE .	18 3 4	17 23 11		JUNE .	15 18 14	16 5 23
	JULY .	17 15 48	17 6 48		JULY .	15 6 58	15 14 55
	AUG. .	16 4 32	15 16 3		AUG. .	13 19 42	13 23 2
	SEPT. .	14 17 16	14 3 52		SEPT. .	12 8 26	12 6 44
	OCT. .	14 6 0	13 18 41		○	27 2 48	26 22 23
	NOV. .	12 18 44	12 12 13		OCT. .	11 21 10	11 15 12
	○	27 13 6	27 11 24		NOV. .	10 9 54	10 0 54
	DEC. .	12 7 28	12 7 23		DEC. .	9 22 38	9 12 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1932.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1934.		<i>d. h. m.</i>	<i>d. h. m.</i>
C.B.	JAN. .	8 11 22	8 1 57	G.	JAN. .	15 17 43	15 16 25
March.	FEB. .	7 0 6	6 17 17	March.	○	30 12 5	30 18 51
<i>d. h. m.</i>	MAR. .	7 12 50	7 10 0	<i>d. h. m.</i>	FEB. .	14 6 27	14 3 21
20 21 53	○	22 7 12	22 15 24	21 9 31	MAR. .	15 19 11	15 14 31
	APRIL	6 1 34	6 3 16		APRIL	14 7 55	14 2 12
	MAY .	5 14 13	5 20 4		MAY .	13 20 39	13 14 51
	JUNE .	4 3 2	4 11 29		JUNE .	12 9 28	12 4 42
	JULY .	3 15 46	4 0 55		JULY .	11 22 7	11 19 37
	AUG. .	2 4 30	2 12 21		○	26 16 29	26 14 37
	○	31 17 14	31 22 18		AUG. .	10 10 51	10 11 9
	SEPT. .	15 11 36	14 23 34		SEPT. .	8 23 35	9 2 36
	OCT. .	30 5 58	30 7 33		OCT. .	8 12 19	8 17 25
	NOV. .	29 18 42	29 17 4				
	DEC. .	28 7 26	28 2 58				
		27 20 10	27 13 58				
1933.	JAN. .	26 8 55	26 2 3				
A.	FEB. .	24 21 39	24 15 13				
21 3 42	MAR. .	23 10 23	26 5 26				
	APRIL	24 23 7	24 20 36				
	MAY .	24 11 51	24 12 17				
	JUNE .	23 0 35	23 3 51				
	JULY .	22 13 19	22 18 39				
	AUG. .	21 2 3	21 8 13				
	SEPT. .	19 14 47	19 20 32				
	OCT. .	19 3 31	19 7 54				
	NOV. .	17 16 15	17 18 47				
	DEC. .	17 4 59	17 5 34				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.O. 572. c. March. d. h. m. 27 14 0		d. h. m.	d. h. m.	B.C. 569. G.F. March. d. h. m. 27 7 26		d. h. m.	d. h. m.
	JAN. .	7 10 2	7 4 3		JAN. .	5 1 12	5 11 45
	FEB. .	5 22 46	5 16 54		○	19 19 34	19 15 42
	MAR. .	7 11 30	7 6 43		FEB. .	3 13 56	3 22 36
	○	22 5 52	22 16 34		MAR. .	4 2 40	4 7 43
	APRIL	6 0 14	5 21 29		APRIL	2 15 24	2 15 38
	MAY .	5 12 58	5 12 51		MAY .	2 4 8	1 23 13
	JUNE .	4 1 42	4 4 14		○	31 16 52	31 7 30
	JULY .	3 14 26	3 19 1		JUNE .	30 5 36	29 17 32
	AUG. .	2 3 10	2 8 47		○	14 23 58	15 5 53
	○	15 10 16	14 20 39		JULY .	29 18 20	29 6 8
	SEPT. .	30 4 38	30 9 15		AUG. .	28 7 4	27 21 31
	OCT. .	29 17 22	29 20 32		SEPT. .	26 19 48	26 15 13
	NOV. .	28 6 6	28 7 32		OCT. .	26 8 32	26 10 5
	DEC. .	27 18 50	27 18 19		NOV. .	24 21 16	25 4 40
					DEC. .	24 10 0	24 21 34
571. B. 27 19 49	JAN. .	26 7 35	26 4 56	568. E. 27 13 15	○	8 4 23	7 21 31
	FEB. .	24 20 19	24 15 37		JAN. .	22 22 45	23 11 54
	MAR. .	26 9 3	26 2 52		FEB. .	21 11 29	21 23 27
	APRIL	24 21 47	24 15 15		MAR. .	23 0 13	23 8 34
	MAY .	24 10 31	24 5 1		APRIL	21 12 57	21 16 3
	JUNE .	22 23 15	22 20 4		MAY .	21 1 41	20 22 50
	JULY .	22 11 59	22 11 54		JUNE .	19 14 25	19 6 2
	AUG. .	21 0 43	21 3 45		○	4 8 47	4 15 12
	SEPT. .	19 13 27	19 18 59		JULY .	19 3 9	18 14 45
	OCT. .	19 2 11	19 9 13		AUG. .	17 15 53	17 1 57
	NOV. .	17 14 55	17 22 16		SEPT. .	16 4 37	15 16 12
	DEC. .	17 3 39	17 10 5		OCT. .	15 17 21	15 9 23
					NOV. .	14 6 5	14 4 30
					DEC. .	13 18 49	14 0 2
570. A. 28 1 38	JAN. .	15 16 24	15 20 44	567. D. 27 19 4	JAN. .	12 7 34	12 18 19
	○	30 10 46	30 15 38		FEB. .	10 20 18	11 10 1
	FEB. .	14 5 8	14 6 20		MAR. .	12 9 2	12 22 38
	MAR. .	15 17 52	15 15 21		APRIL	10 21 46	11 8 24
	APRIL	14 6 36	14 0 27		MAY .	10 10 30	10 16 7
	MAY .	13 19 20	13 10 31		JUNE .	8 23 14	8 22 53
	JUNE .	12 8 4	11 22 23		JULY .	8 11 58	8 5 44
	JULY .	11 20 43	11 12 23		AUG. .	7 0 42	6 13 47
	○	26 15 10	26 14 39		SEPT. .	5 13 26	5 0 0
	AUG. .	10 9 32	10 4 23		OCT. .	5 2 10	4 13 1
	SEPT. .	8 22 16	8 21 39		NOV. .	3 14 54	3 4 55
	OCT. .	8 11 0	8 15 8		○	18 9 16	18 14 39
	NOV. .	6 23 44	7 7 46		DEC. .	3 8 38	2 23 10
	DEC. .	6 12 28	6 22 47				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 566. C.				B.C. 563. F.			
March. <i>d. h. m.</i> 28 0 53	JAN. .	{ 1 16 22 31 5 6	1 18 26 31 13 10	March. <i>d. h. m.</i> 27 18 19	JAN. .	27 20 16	27 14 29
	FEB. .	...	...	O	FEB. .	26 9 0	26 3 31
	MAR. .	{ 1 17 50 31 6 34	2 5 52 31 19 45	MAR. .	{ 13 3 22 27 21 44	18 15 46 27 17 31	
	APRIL	29 19 18	30 6 45	APRIL	26 10 28	26 8 25	
	O	{ 14 13 40	14 5 25	MAY .	25 23 12	25 23 47	
	MAY .	{ 29 8 2	29 15 27	JUNE .	24 11 56	24 15 2	
	JUNE .	27 20 46	27 22 54	JULY .	24 0 40	24 5 33	
	JULY .	27 9 30	27 6 9	AUG. .	22 13 24	22 19 2	
	AUG. .	25 22 14	25 14 16	O	{ 6 7 46	5 18 0	
	SEPT. .	24 10 58	24 0 1	SEPT. .	{ 21 2 8	21 7 32	
	OCT. .	23 23 42	23 11 58	OCT. .	20 14 52	20 19 17	
	O	{ 7 18 4	8 2 28	NOV. .	19 3 36	19 6 34	
	NOV. .	{ 22 12 26	22 2 18	DEC. .	18 16 20	18 17 26	
	DEC. .	22 1 10	21 18 47				
565. B.A.	JAN. .	20 13 55	20 12 40	562. E.	JAN. .	17 5 5	17 3 58
27 6 42	FEB. .	19 2 39	19 6 42	28 0 8	FEB. .	15 17 49	15 14 20
	MAR. .	19 15 23	19 23 43	O	{ 2 12 11	3 1 42	
	APRIL	18 4 7	18 14 44	MAR. .	{ 17 6 33	17 0 57	
	O	{ 2 22 29	2 15 41	APRIL	15 19 17	15 12 26	
	MAY .	{ 17 16 51	18 3 19	MAY .	15 8 1	15 1 17	
	JUNE .	16 5 35	16 13 40	JUNE .	13 20 45	13 15 40	
	JULY .	15 18 19	15 22 33	JULY .	13 9 29	13 7 15	
	AUG. .	14 7 3	14 6 56	AUG. .	{ 11 22 13	11 23 32	
	SEPT. .	12 19 47	12 15 43	O	{ 26 16 35	26 10 26	
	OCT. .	{ 12 8 31	12 1 32	SEPT. .	10 10 57	10 15 16	
	O	{ 27 2 53	27 7 16	OCT. .	9 23 41	10 6 20	
	NOV. .	10 21 15	10 12 46	NOV. .	8 12 25	8 20 14	
	DEC. .	10 9 59	10 1 35	DEC. .	8 1 9	8 8 46	
564. G.	JAN. .	8 22 44	8 15 55	561. D.C	JAN. .	6 13 54	6 20 0
27 12 31	FEB. .	7 11 28	7 7 30	27 5 57	FEB. .	{ 5 2 38	5 5 53
	MAR. .	9 0 12	8 23 51	O	{ 19 21 0	20 4 19	
	APRIL	7 12 56	7 16 15	MAR. .	5 15 22	5 14 55	
	MAY .	7 1 40	7 7 50	APRIL	4 4 6	3 23 38	
	JUNE .	5 14 24	5 21 58	MAY .	3 16 50	3 8 54	
	JULY .	5 3 8	5 10 24	JUNE .	2 5 34	1 19 37	
	AUG. .	3 15 52	3 21 23	JULY .	{ 1 18 18	1 8 29	
	SEPT. .	2 4 36	2 7 34	O	{ 31 7 2	30 23 36	
	OCT. .	{ 1 17 20	1 17 35	AUG. .	{ 15 1 24	14 22 33	
	NOV. .	29 18 48	29 14 50	SEPT. .	29 19 46	29 16 30	
	DEC. .	29 7 32	29 2 19	OCT. .	28 8 30	28 10 15	
				NOV. .	27 21 14	28 3 41	
				DEC. .	26 9 58	26 19 47	
					25 22 42	26 9 51	

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 560. B. March. d. h. m. 27 11 46		d. h. m.	d. h. m.	B.C. 557. F.E. March. d. h. m. 27 5 12		d. h. m.	d. h. m.
	JAN. .	24 11 26	24 21 41		JAN. .	22 2 35	22 7 48
	FEB. .	23 0 10	23 7 29		FEB. .	20 15 20	21 1 32
	MAR. .	24 12 54	24 15 43		MAR. .	21 4 4	21 16 49
	APRIL	23 1 38	22 23 11		APRIL	19 16 48	20 5 11
	MAY .	22 14 22	22 6 51		MAY .	19 5 32	19 14 56
	JUNE .	21 3 6	20 15 49		○	{ 2 23 54	2 15 8
	JULY .	20 15 50	20 3 2		JUNE .	{ 17 18 16	17 22 58
	AUG. .	19 4 34	18 17 6		JULY .	17 7 0	17 6 18
	SEPT. .	17 17 18	17 9 52		AUG. .	15 19 44	15 14 3
	OCT. .	17 6 2	17 4 29		SEPT. .	14 8 28	13 23 3
	NOV. .	15 18 46	15 23 33		OCT. .	13 21 12	13 9 57
	DEC. .	{ 15 7 30	15 17 31		NOV. .	12 9 56	11 23 7
	○	{ 30 1 52	29 19 8		DEC. .	11 22 40	11 14 29
559. A. 27 17 35	JAN. .	13 20 15	14 9 14	556. D. 27 11 1	JAN. .	10 11 25	10 7 35
	FEB. .	12 8 59	12 22 4		FEB. .	9 0 9	9 1 23
	MAR. .	13 21 43	14 8 13		MAR. .	10 12 53	10 18 57
	APRIL	12 10 27	12 16 18		APRIL	{ 9 1 37	9 10 56
	MAY .	11 23 11	11 23 13		○	{ 23 19 59	23 19 15
	JUNE .	{ 10 11 55	10 6 1		MAY .	8 14 21	9 0 44
	○	{ 25 6 17	25 11 50		JUNE .	7 3 5	7 12 14
	JULY .	10 0 39	9 13 50		JULY .	6 15 49	6 21 54
	AUG. .	8 13 23	7 23 45		AUG. .	5 4 33	5 6 39
	SEPT. .	7 2 7	6 12 31		SEPT. .	3 17 17	3 15 20
	OCT. .	6 14 51	6 4 22		OCT. .	{ 3 6 1	3 0 46
	NOV. .	5 3 35	4 22 45		○	{ 18 0 23	18 2 1
	DEC. .	{ 4 16 19	4 18 19		NOV. .	1 18 45	{ 1 11 22
	○	{ 19 10 41	19 9 3		DEC. .	{ 1 7 29	{ 30 23 21
						{ 30 20 13	30 12 47
558. G. 27 23 24	JAN. .	3 5 3	3 13 25	555. C. 27 16 50	JAN. .	29 8 57	29 3 31
	FEB. .	1 17 47	2 6 27		FEB. .	27 21 41	27 19 17
	MAR. .	3 6 31	3 20 32		MAR. .	29 10 25	29 11 30
	APRIL	1 19 15	2 7 35		○	{ 13 4 47	13 7 48
	MAY .	{ 1 7 59	1 16 10		APRIL	{ 27 23 9	28 3 27
	○	{ 30 20 43	30 23 15		MAY .	27 11 53	27 18 23
	JUNE .	{ 14 15 5	14 13 7		JUNE .	26 0 37	26 7 48
	JULY .	{ 29 9 27	29 5 57		JULY .	25 13 21	25 19 40
	AUG. .	28 22 11	28 13 23		AUG. .	24 2 5	24 6 28
	SEPT. .	27 10 55	26 22 31		SEPT. .	22 14 49	22 16 45
	OCT. .	25 23 39	25 10 11		○	{ 7 9 11	7 1 21
	NOV. .	25 12 23	25 0 43		OCT. .	{ 22 3 33	22 3 4
	○	{ 24 1 7	23 17 53		NOV. .	20 16 17	20 13 47
	DEC. .	{ 8 19 29	9 0 48		DEC. .	20 5 1	20 0 54
		{ 23 18 51	23 12 44				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 554.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 551.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				E.			
March.	JAN. .	18 17 46	18 12 33	March.	JAN. .	15 8 55	15 20 18
<i>d. h. m.</i>	FEB. .	17 6 30	17 0 51	<i>d. h. m.</i>	○	30 8 17	29 23 28
27 22 39	MAR. .	18 19 14	18 14 2	27 16 5	FEB. .	13 21 40	14 6 58
	○	2 13 36	3 0 16		MAR. .	15 10 24	15 15 44
	APRIL	17 7 58	17 4 15		APRIL	13 23 8	13 23 19
	MAY .	16 20 42	16 19 18		MAY .	13 11 52	13 6 36
	JUNE .	15 9 26	15 10 43		JUNE .	12 0 36	11 14 42
	JULY .	14 22 10	15 1 48		JULY .	11 13 20	11 0 39
	AUG. .	13 10 54	13 16 5		○	26 7 42	26 13 20
	SEPT. .	11 23 33	12 5 21		AUG. .	10 2 4	9 13 18
	○	26 18 0	26 4 35		SEPT. .	8 14 43	8 4 52
	OCT. .	11 12 22	11 17 44		OCT. .	8 3 32	7 22 51
	NOV. .	10 1 6	10 5 25		NOV. .	6 16 16	6 18 2
	DEC. .	9 13 50	9 16 30		DEC. .	6 5 0	6 12 51
553.	JAN. .	8 2 35	8 3 8	550.	JAN. .	4 17 45	5 5 50
A.G.	FEB. .	6 15 19	6 13 21	D.	○	19 12 7	19 5 52
27 4 28	MAR. .	7 4 3	6 23 30	27 21 54	FEB. .	3 6 29	3 20 5
	APRIL	5 16 47	5 10 12		MAR. .	4 19 13	5 7 26
	MAY .	5 5 31	4 22 5		APRIL	3 7 57	3 16 20
	JUNE .	3 18 15	3 11 34		MAY .	2 20 41	2 23 36
	JULY .	3 6 59	3 2 37		JUNE .	1 9 25	1 6 15
	AUG. .	1 19 43	1 18 43		○	30 22 9	30 13 26
	SEPT. .	31 8 27	31 11 3		JULY .	15 16 31	15 22 6
	OCT. .	29 21 11	30 2 55		AUG. .	30 10 53	29 22 14
	NOV. .	29 9 55	29 17 40		SEPT. .	28 23 37	28 9 34
	DEC. .	27 22 39	28 7 3		OCT. .	27 12 21	26 23 59
		27 11 23	27 18 56		NOV. .	27 1 5	26 17 16
					DEC. .	25 13 49	25 12 29
552.	JAN. .	26 0 7	26 5 21	549.	JAN. .	23 15 17	24 2 10
F.	○	9 18 29	9 23 5	C.B.	FEB. .	22 4 1	22 17 44
27 10 17	FEB. .	24 12 51	24 14 35	27 3 43	MAR. .	22 16 45	23 6 11
	MAR. .	26 1 35	25 23 8		APRIL	21 5 29	21 15 51
	APRIL	24 14 19	24 7 48		MAY .	20 18 13	20 23 32
	MAY .	24 3 3	23 17 30		JUNE .	19 6 57	19 6 19
	JUNE .	22 15 47	22 5 9		JULY .	18 19 41	18 13 20
	JULY .	22 4 31	21 19 10		AUG. .	17 8 25	16 21 33
	○	5 22 53	5 22 27		SEPT. .	15 21 9	15 8 4
	AUG. .	20 17 15	20 11 23		OCT. .	15 9 53	14 21 12
	SEPT. .	19 5 59	19 5 4		NOV. .	13 22 37	13 18 7
	OCT. .	18 18 43	18 23 1		○	23 16 59	23 23 33
	NOV. .	17 7 27	17 16 6		DEC. .	13 11 21	13 7 12
	DEC. .	16 20 11	17 7 21				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 548. A. March. d. h. m. 27 9 32		d. h. m.	d. h. m.	B.C. 545. E.D. March. d. h. m. 27 2 58		d. h. m.	d. h. m.
	JAN. .	12 0 5	12 2 13		JAN. .	9 15 16	9 10 59
	FEB. .	10 12 50	10 20 38		FEB. .	8 4 0	7 22 40
	MAR. .	12 1 34	12 13 8		MAR. .	{ 8 16 44	8 11 4
	APRIL	10 14 18	11 2 55		○	{ 23 11 6	23 23 30
	MAY .	{ 10 3 2	10 13 55		APRIL	7 5 28	7 0 30
	○	{ 24 21 24	24 12 14		MAY .	6 18 12	6 14 59
	JUNE .	8 15 46	8 22 45		JUNE .	5 6 56	5 6 14
	JULY .	8 4 30	8 6 25		JULY .	4 19 40	4 21 38
	AUG. .	6 17 14	6 14 1		AUG. .	3 8 24	3 12 36
	SEPT. .	5 5 58	4 22 28		SEPT. .	{ 1 21 8	2 2 41
	OCT. .	4 18 42	4 8 29		○	{ 16 15 30	16 1 42
	NOV. .	{ 3 7 26	2 20 33		OCT. .	{ 1 9 52	1 15 46
	○	{ 18 1 48	18 10 59		NOV. .	29 11 20	29 15 30
	DEC. .	2 20 10	2 10 47		DEC. .	29 0 4	29 2 19
547. G.	JAN. .	{ 1 8 55	1 2 57	544. C.	JAN. .	27 12 48	27 12 32
	FEB. .	{ 30 21 39	30 20 19		FEB. .	26 1 32	25 22 25
	...	...	...		○	{ 12 19 54	13 9 5
27 15 21	MAR. .	{ 1 10 23	1 13 54	27 8 47	MAR. .	{ 27 14 16	27 8 29
	APRIL	{ 30 23 7	31 6 36		APRIL	26 3 0	25 19 26
	○	{ 14 6 13	13 22 58		MAY .	25 15 44	25 7 56
	MAY .	{ 29 0 35	29 10 12		JUNE .	24 4 23	23 22 12
	JUNE .	27 13 19	27 20 51		JULY .	23 17 12	23 13 55
	JULY .	27 2 3	27 6 9		AUG. .	22 5 56	22 6 27
	AUG. .	25 14 47	25 14 59		○	{ 6 0 18	5 14 17
	SEPT. .	24 3 31	24 0 11		SEPT. .	{ 20 18 40	20 22 56
	OCT. .	23 16 15	23 10 17		OCT. .	20 7 24	20 14 34
	○	{ 7 10 37	7 15 17		NOV. .	18 20 8	19 4 53
	NOV. .	{ 22 4 59	21 21 36		DEC. .	18 8 52	18 17 34
	DEC. .	21 17 43	21 10 12	543. B.	JAN. .	16 21 37	17 4 39
546. F.	JAN. .	20 6 27	20 0 4		FEB. .	15 10 21	15 14 17
	FEB. .	18 19 11	18 15 4	27 14 36	○	{ 2 4 43	2 11 31
27 21 10	MAR. .	20 7 55	20 6 51		MAR. .	{ 16 23 5	16 22 52
	APRIL	18 20 39	18 22 52		APRIL	15 11 49	15 7 9
	MAY .	18 9 23	18 14 21		MAY .	15 0 33	14 16 1
	JUNE .	16 22 7	17 4 39		JUNE .	13 13 17	13 2 30
	JULY .	16 10 51	16 17 28		JULY .	13 2 1	12 15 16
	AUG. .	14 23 35	15 5 0		AUG. .	{ 11 14 45	11 6 31
	SEPT. .	13 12 19	13 15 44		○	{ 26 9 7	26 6 37
	OCT. .	13 1 3	13 2 13		SEPT. .	10 3 29	9 23 45
	NOV. .	11 13 47	11 12 50		OCT. .	9 16 13	9 17 58
	DEC. .	11 2 31	10 23 44		NOV. .	8 4 57	8 11 50
					DEC. .	7 17 41	8 4 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 542. A. March. d. h. m. 27 20 25		d. h. m.	d. h. m.	B.C. 539. D. March. d. h. m. 27 13 51		d. h. m.	d. h. m.
	JAN. .	6 6 26	6 18 25		JAN. .	2 21 36	2 20 38
	FEB. .	4 19 10	5 6 6		FEB. .	1 10 20	1 15 22
	MAR. .	6 7 54	6 15 37		MAR. .	2 23 4	3 8 50
	APRIL	4 20 38	4 23 30		APRIL	1 11 48	1 23 55
	MAY .	4 9 22	4 6 40		MAY .	{ 1 0 32	1 12 16
	JUNE .	2 22 6	2 14 7			{ 30 13 16	30 22 8
	JULY .	{ 2 10 50	1 22 59		○	{ 14 7 33	13 21 52
		{ 31 23 34	31 10 14		JUNE .	{ 29 2 0	29 6 23
	AUG. .	30 12 18	30 0 25		JULY .	28 14 44	28 14 3
	SEPT. .	29 1 2	28 17 25		AUG. .	27 3 23	26 22 9
	OCT. .	28 13 46	28 12 19		SEPT. .	25 16 12	25 7 23
	NOV. .	27 2 30	27 7 37		OCT. .	25 4 56	24 18 34
	DEC. .	26 15 14	27 1 42		NOV. .	23 17 40	23 7 42
	○	{ 10 9 36	10 3 41		DEC. .	23 6 24	22 22 48
541. G.F. 27 2 14	JAN. .	{ 25 3 58	25 17 23	538. C. 27 19 40	JAN. .	21 19 8	21 15 25
	FEB. .	23 16 42	24 6 5		FEB. .	20 7 52	20 8 47
	MAR. .	24 5 26	24 16 1		MAR. .	21 20 36	22 1 52
	APRIL	22 18 10	22 23 53		APRIL	20 9 20	20 17 40
	MAY .	22 6 54	22 6 38		○	{ 5 3 42	4 22 37
	JUNE .	20 19 38	20 13 26		MAY .	{ 19 22 4	20 7 31
	○	{ 5 14 0	5 18 33		JUNE .	18 10 48	18 19 14
	JULY .	{ 20 8 22	19 21 20		JULY .	17 23 32	18 5 18
	AUG. .	18 21 6	18 7 22		AUG. .	16 12 16	16 14 30
	SEPT. .	17 9 50	16 20 17		SEPT. .	15 1 0	14 23 40
	OCT. .	16 22 34	16 12 16		OCT. .	{ 14 13 44	14 9 27
	NOV. .	15 11 18	15 6 44		○	{ 29 8 6	29 9 52
	DEC. .	{ 15 0 2	15 2 16		NOV. .	18 2 28	12 20 13
	○	{ 29 18 24	29 17 55		DEC. .	12 15 12	12 8 7
540. E. 27 8 3	JAN. .	13 12 47	13 21 16	537. B.A. 27 1 29	JAN. .	11 3 57	10 21 11
	FEB. .	12 1 31	12 14 10		FEB. .	9 16 41	9 11 21
	MAR. .	13 14 15	14 4 6		MAR. .	10 5 25	10 2 30
	APRIL	12 2 59	12 15 2		APRIL	{ 8 18 9	8 18 15
	MAY .	11 15 43	11 23 33		○	{ 23 12 31	23 15 25
	JUNE .	{ 10 4 27	10 6 42		MAY .	{ 8 6 53	8 9 59
	○	{ 24 22 49	24 19 38		JUNE .	6 19 37	7 0 57
	JULY .	9 17 11	9 13 33		JULY .	6 8 21	6 14 41
	AUG. .	8 5 55	7 21 12		AUG. .	4 21 5	5 3 5
	SEPT. .	6 18 39	6 6 35		SEPT. .	8 9 49	8 14 26
	OCT. .	6 7 23	5 18 25		OCT. .	{ 2 22 33	8 1 15
	NOV. .	4 20 7	4 8 59		○	{ 17 16 55	17 9 8
	DEC. .	{ 4 8 51	4 2 2		NOV. .	1 11 17	{ 1 11 56
	○	{ 19 3 13	19 9 42		DEC. .	{ 1 0 1	{ 30 22 45
						{ 30 12 45	30 9 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 536. G. March. d. h. m. 27 7 18		d. h. m.	d. h. m.	B.C. 533. D.C. March. d. h. m. 27 0 44		d. h. m.	d. h. m.
	JAN. .	29 1 30	28 20 56		JAN. .	26 16 40	27 4 46
	FEB. .	27 14 14	27 8 40		○	{ 10 11 2	10 7 9
	MAR. .	29 2 58	28 21 15		FEB. .	{ 25 5 24	25 15 11
	○	{ 12 21 20	13 7 49		MAR. .	25 18 8	25 23 38
	APRIL	{ 27 15 42	27 10 59		APRIL	24 6 52	24 6 55
	MAY .	27 4 26	27 1 47		MAY .	23 19 36	23 13 58
	JUNE .	25 17 10	25 17 13		JUNE .	22 8 20	21 21 57
	JULY .	25 5 54	25 8 38		JULY .	21 21 4	21 7 55
	AUG. .	23 18 38	23 23 27		○	{ 5 15 26	5 20 53
	SEPT. .	22 7 22	22 13 22		AUG. .	{ 20 9 48	19 20 38
	○	{ 7 1 44	6 12 40		SEPT. .	18 22 32	18 12 22
	OCT. .	{ 21 20 6	22 2 17		OCT. .	18 11 16	18 6 36
	NOV. .	20 8 50	20 14 17		NOV. .	17 0 0	17 2 0
	DEC. .	19 21 34	20 1 27		DEC. .	16 12 44	16 20 57
535. F. 27 13 7	JAN. .	18 10 18	18 11 51	532. B. 27 6 33	JAN. .	{ 15 1 28	15 13 56
	FEB. .	16 23 2	16 21 37		○	{ 29 19 50	29 14 6
	MAR. .	18 11 46	18 7 15		FEB. .	13 14 12	14 4 6
	APRIL	17 0 30	16 17 25		MAR. .	15 2 56	15 15 16
	MAY .	16 13 14	16 4 53		APRIL	13 15 40	13 23 56
	JUNE .	15 1 53	14 18 9		MAY .	13 4 24	13 7 4
	JULY .	14 14 42	14 9 13		JUNE .	11 17 8	11 13 42
	AUG. .	13 3 26	13 1 37		JULY .	{ 11 5 52	10 20 56
	SEPT. .	11 16 10	11 18 29		○	{ 26 0 14	26 5 6
	OCT. .	11 4 54	11 10 55		AUG. .	9 18 36	9 5 51
	NOV. .	9 17 38	10 2 10		SEPT. .	8 7 20	7 17 21
	DEC. .	9 6 22	9 15 48		OCT. .	7 20 4	7 7 54
534. E. 27 18 56	JAN. .	7 19 7	8 3 41	531. A. 27 12 22	JAN. .	4 10 17	4 15 53
	FEB. .	{ 6 7 51	6 13 51		FEB. .	2 23 1	3 9 54
	○	{ 21 2 13	21 6 23		MAR. .	4 11 45	5 1 17
	MAR. .	7 20 35	7 22 43		APRIL	3 0 29	3 13 37
	APRIL	6 9 19	6 6 49		MAY .	2 13 13	2 23 18
	MAY .	5 22 3	5 15 5		JUNE .	{ 1 1 57	1 6 55
	JUNE .	4 10 47	4 0 31		○	{ 30 14 41	30 13 51
	JULY .	3 23 31	3 12 1		JULY .	30 3 25	29 21 6
	AUG. .	{ 2 12 15	{ 2 2 4		AUG. .	28 16 9	28 5 39
	○	{ 17 6 37	{ 17 6 24		SEPT. .	27 4 53	26 16 17
	SEPT. .	{ 1 0 59	{ 31 18 32		OCT. .	26 17 37	26 5 32
	○	{ 30 13 43	30 12 36		NOV. .	25 6 21	24 21 23
	OCT. .	30 2 27	30 7 1		○	{ 10 0 43	10 8 25
	NOV. .	28 15 11	29 0 27		DEC. .	{ 24 19 5	24 15 13
	DEC. .	28 3 55	28 15 52				

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 530. G. March. d. h. m. 27 18 11		d. h. m.	d. h. m.	B.C. 527. C. March. d. h. m. 27 11 37		d. h. m.	d. h. m.
	JAN. .	23 7 49	23 9 53		JAN. .	19 22 59	19 19 34
	FEB. .	21 20 33	22 3 57		FEB. .	18 11 43	18 6 43
	MAR. .	23 9 17	23 20 13		MAR. .	20 0 27	19 18 31
	APRIL .	21 22 1	22 9 56		○	{ 3 18 49	4 7 2
	MAY .	21 10 45	21 21 0		APRIL	{ 18 13 11	18 7 23
	○	{ 5 5 7	4 19 4		MAY .	18 1 55	17 21 31
	JUNE .	{ 19 23 29	20 6 3		JUNE .	16 14 39	16 12 40
	JULY .	19 12 13	19 14 1		JULY .	16 3 23	16 4 17
	AUG. .	18 0 57	17 21 59		AUG. .	14 16 7	14 19 43
	SEPT. .	16 13 41	16 6 48		SEPT. .	{ 13 4 51	13 10 25
	OCT. .	16 2 25	15 17 4		○	{ 27 23 13	27 9 48
	NOV. .	{ 14 15 9	14 5 12		OCT. .	12 17 35	13 0 6
	○	{ 29 9 31	29 19 28		NOV. .	11 6 19	11 12 46
	DEC. .	14 3 53	13 19 14		DEC. .	10 19 4	11 0 27
529. F.E. 27 0 0	JAN. .	12 16 38	12 10 59	526. B. 27 17 26	JAN. .	9 7 48	9 11 8
	FEB. .	11 5 22	11 3 50		FEB. .	7 20 32	7 21 0
	MAR. .	11 18 6	11 20 57		MAR. .	{ 9 9 16	9 6 24
	APRIL .	10 6 50	10 18 21		○	{ 24 3 38	24 16 21
	MAY .	{ 9 19 34	10 4 11		APRIL	7 22 0	7 15 55
	○	{ 21 13 56	24 6 13		MAY .	7 10 44	7 2 26
	JUNE .	8 8 18	8 17 3		JUNE .	5 23 28	5 14 37
	JULY .	7 21 2	8 4 3		JULY .	5 12 12	5 4 47
	AUG. .	6 9 46	6 13 49		AUG. .	4 0 56	3 20 42
	SEPT. .	4 22 30	4 23 9		SEPT. .	{ 2 13 40	2 13 41
	OCT. .	4 11 14	4 8 45		○	{ 17 8 2	16 22 35
	NOV. .	{ 2 23 58	2 19 7		OCT. .	{ 2 2 24	2 6 43
	○	{ 17 18 20	17 23 20		NOV. .	30 3 52	30 13 33
	DEC. .	2 12 42	{ 2 6 27		DEC. .	29 16 36	30 2 20
	...	...	{ 31 18 47				
528. D. 27 5 49	JAN. .	{ 1 1 26	...	525. A.G. 26 23 15	JAN. .	23 5 21	23 13 15
	FEB. .	{ 30 14 11	30 8 9		FEB. .	26 13 5	26 22 32
	MAR. .	{ 1 2 55	...		○	{ 12 12 27	12 13 35
	APRIL .	{ 30 15 39	30 13 47		MAR. .	{ 27 6 49	27 6 42
	○	{ 13 22 45	13 22 33		APRIL	25 19 33	25 14 35
	MAY .	{ 23 17 7	23 20 50		MAY .	25 8 17	24 23 10
	JUNE .	27 5 51	27 11 21		JUNE .	23 21 1	23 9 27
	JULY .	26 18 35	27 0 38		JULY .	23 9 45	22 22 11
	AUG. .	25 7 19	25 12 45		AUG. .	21 22 29	21 13 36
	SEPT. .	23 20 3	24 0 2		○	{ 5 16 51	5 14 50
	OCT. .	23 8 47	23 10 53		SEPT. .	{ 20 11 13	20 7 11
	NOV. .	21 21 31	21 21 49		OCT. .	19 23 57	20 1 43
	DEC. .	21 10 15	21 8 40		NOV. .	18 12 41	18 20 2
					DEC. .	18 1 25	18 12 39

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 524. F. March. d. h. m. 27 5 4	JAN. .	d. h. m. 16 14 9	d. h. m. 17 2 50	B.C. 521. C.B. March. d. h. m. 26 22 30	JAN. .	d. h. m. 14 5 19	d. h. m. 14 4 25
	FEB. .	15 2 53	15 14 21		FEB. .	12 18 3	12 22 47
	MAR. .	16 15 37	16 23 34		MAR. .	13 6 47	13 15 57
	APRIL .	15 4 21	15 7 10		APRIL .	11 19 31	12 6 54
	MAY .	14 17 5	14 14 7		MAY .	11 8 15	11 19 16
	JUNE .	13 5 49	12 21 26		JUNE .	9 20 59	10 5 18
	JULY .	12 18 33	12 6 15		○	24 15 21	24 4 38
	AUG. .	11 7 17	10 17 33		JULY .	9 9 43	9 13 51
	SEPT. .	9 20 1	9 7 54		AUG. .	7 22 27	7 21 53
	OCT. .	9 8 45	9 1 6		SEPT. .	6 11 11	6 6 22
	NOV. .	7 21 29	7 20 12		OCT. .	5 23 55	5 16 1
	DEC. .	7 10 13	7 15 38		NOV. .	4 12 39	4 8 16
					DEC. .	4 1 23	3 16 18
523. E. 27 10 53	JAN. .	5 22 58	6 9 48	520. A. 27 4 19	JAN. .	2 14 8	2 7 4
	○	20 17 20	20 12 9		FEB. .	1 2 52	31 23 11
	FEB. .	4 11 42	5 1 24		...	...	...
	MAR. .	6 0 26	6 13 56		MAR. .	2 15 36	2 16 2
	APRIL .	4 13 10	4 23 40		APRIL .	1 4 20	1 8 42
	MAY .	4 1 54	4 7 23		...	...	...
	JUNE .	2 14 33	2 14 6		MAY .	30 5 48	30 14 14
	...	...	...		JUNE .	28 18 32	29 2 16
	JULY ○	2 3 22	1 20 55		JULY .	23 7 16	23 12 47
	...	...	...		AUG. .	26 20 0	26 22 29
	AUG. .	16 21 44	17 1 20		SEPT. .	25 8 44	25 8 7
	...	...	...		OCT. .	24 21 23	24 18 15
	SEPT. .	31 16 6	31 4 56		○	8 15 50	8 17 50
	OCT. .	30 4 50	29 15 9		NOV. .	23 10 12	23 5 8
	NOV. .	28 17 34	28 4 14		DEC. .	22 22 56	22 16 52
	DEC. .	23 6 18	27 20 19				
		26 19 2	26 14 43				
		26 7 46	26 10 10				
522. D. 27 16 42	○	10 2 8	10 2 43	519. G. 27 10 8	JAN. .	21 11 41	21 5 30
	JAN. .	24 20 31	25 5 0		FEB. .	20 0 25	19 19 5
	FEB. .	23 9 15	23 21 43		MAR. .	21 13 9	21 9 37
	MAR. .	24 21 59	25 11 31		APRIL .	20 1 53	20 0 55
	APRIL .	23 10 43	23 22 21		○	4 20 15	4 22 56
	MAY .	22 23 27	23 6 54		MAY .	19 14 37	19 16 26
	JUNE .	21 12 11	21 14 9		JUNE .	18 3 21	18 7 31
	○	6 6 33	6 2 11		JULY .	17 16 5	17 21 38
	JULY .	21 0 55	20 21 13		AUG. .	16 4 49	16 10 34
	AUG. .	19 13 39	19 5 9		SEPT. .	14 17 33	14 22 31
	SEPT. .	18 2 23	17 14 48		OCT. .	14 6 17	14 9 50
	OCT. .	17 15 7	17 2 47		○	29 0 39	28 17 3
	NOV. .	16 3 51	15 17 21		NOV. .	12 19 1	12 20 52
	DEC. .	15 16 35	15 10 11		DEC. .	12 7 45	12 7 44
	○	30 10 57	30 18 33				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 518. F. March. <i>d. h. m.</i> 27 15 57		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 515. B. March. <i>d. h. m.</i> 27 9 23		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	10 20 29	10 18 28		JAN. .	7 11 39	8 0 16
	FEB. .	9 9 13	9 5 13		FEB. .	6 0 23	6 13 2
	MAR. .	10 21 57	10 16 20		○	20 18 45	20 14 42
	APRIL	{ 9 10 41	9 4 21		MAR. .	7 13 7	7 23 13
	○	24 5 3	24 15 15		APRIL	6 1 51	6 7 23
	MAY .	8 23 25	8 17 33		MAY .	5 14 35	5 14 25
	JUNE .	7 12 9	7 8 13		JUNE .	4 3 19	3 21 20
	JULY .	7 0 53	6 23 45		JULY .	3 16 3	3 5 15
	AUG. .	5 13 37	5 15 33			2 4 47	1 15 14
	SEPT. .	4 2 21	4 6 57		AUG. ○	16 23 9	17 4 31
	OCT. .	{ 8 15 5	3 21 28			31 17 31	31 4 6
	○	18 9 27	17 20 52		SEPT. .	30 6 15	29 20 2
	NOV. .	2 3 49	2 10 53		OCT. .	29 18 59	29 14 26
	DEC. .	{ 1 16 33	1 23 10		NOV. .	28 7 43	28 9 53
		31 5 17	31 10 20		DEC. .	27 20 27	28 4 53
517. N.D. 26 21 46	JAN. .	29 13 2	29 20 28	514. A. 27 15 12	JAN. .	26 9 12	26 21 56
	FEB. .	28 6 46	28 5 43		○	10 3 34	9 22 15
	MAR. .	28 19 30	28 14 54		FEB. .	24 21 56	25 11 57
	APRIL	27 8 14	27 0 36		MAR. .	26 10 40	26 22 57
	MAY .	26 20 58	26 11 42		APRIL	24 23 24	25 7 23
	JUNE .	25 9 42	25 0 47		MAY .	24 12 8	24 14 31
	JULY .	24 22 26	24 15 57		JUNE .	23 0 52	22 21 10
	AUG. .	23 11 10	23 8 40		JULY .	22 13 36	22 4 32
	SEPT. .	21 23 54	22 2 2		○	6 7 53	6 12 9
	OCT. .	21 12 33	21 19 1		AUG. .	21 2 20	20 13 33
	NOV. .	20 1 22	20 10 41		SEPT. .	19 15 4	19 1 19
	DEC. .	19 14 6	20 0 31		OCT. .	19 3 43	18 15 53
					NOV. .	17 16 32	17 9 20
					DEC. .	17 5 16	17 4 24
518. C. 27 3 34	JAN. .	18 2 50	18 12 19	513. G.F. 26 21 1	JAN. .	15 13 0	15 23 33
	FEB. .	16 15 34	16 22 12		FEB. .	14 6 44	14 17 27
	○	{ 3 9 56	8 13 33		MAR. .	14 19 23	15 8 40
	MAR. .	18 4 13	18 6 41		APRIL	13 8 12	13 20 54
	APRIL	16 17 2	16 14 24		MAY .	12 20 56	13 6 29
	MAY .	16 5 46	15 22 20		JUNE .	11 9 40	11 14 13
	JUNE .	14 13 30	14 7 33		JULY .	10 22 24	10 21 26
	JULY .	14 7 14	13 18 53		AUG. .	9 11 8	9 4 57
	AUG. .	{ 12 19 53	12 9 7		SEPT. .	7 23 52	7 13 43
	○	27 14 20	27 14 26		OCT. .	7 12 36	7 0 40
	SEPT. .	11 8 42	11 1 50		NOV. .	6 1 20	5 13 53
	OCT. .	10 21 26	10 20 16		DEC. .	{ 5 14 4	5 5 39
	NOV. .	9 10 10	9 15 4		○	20 8 26	20 17 12
	DEC. .	8 22 54	9 8 45				

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 512. E. March. d. h. m. 27 2 49		d. h. m.	d. h. m.	B.C. 509. B.A. March. d. h. m. 26 20 16		d. h. m.	d. h. m.
	JAN. .	4 2 49	3 23 10		JAN. .	{ 1 17 59	1 17 32
	FEB. .	2 15 33	2 17 26		FEB. .	{ 31 6 43	31 4 8
	MAR. .	4 4 17	4 11 10		MAR. .	29 19 27	29 14 39
	APRIL	2 17 1	3 3 12		MAR. .	30 8 11	30 1 52
	MAY .	{ 2 5 45	2 16 51		O	{ 14 2 33	14 14 27
	O	{ 31 18 29	{ 1 4 4		APRIL	{ 23 20 55	23 14 14
	JUNE .	{ 15 12 51	{ 15 1 57		MAY .	28 9 39	28 4 3
	JULY .	{ 30 7 13	{ 30 13 22		JUNE .	26 22 23	26 19 10
	AUG. .	29 19 57	29 21 43		JULY .	26 11 7	26 11 4
	SEPT. .	28 8 41	28 6 5		AUG. .	24 23 51	25 3 0
	OCT. .	26 21 25	26 15 17		SEPT. .	23 12 35	23 18 13
	NOV. .	26 10 9	26 1 48		O	{ 8 6 57	7 18 3
	DEC. .	24 22 53	24 13 56		OCT. .	{ 23 1 19	23 8 33
	O	{ 9 17 15	10 3 59		NOV. .	21 14 3	21 21 34
	DEC. .	{ 24 11 37	24 3 42		DEC. .	21 2 47	21 9 20
511. D. 27 8 38	JAN. .	23 0 22	22 18 58	508. G. 27 2 5	JAN. .	19 15 32	19 19 51
	FEB. .	21 13 6	21 11 15		FEB. .	18 4 16	18 5 20
	MAR. .	23 1 50	23 3 53		MAR. .	19 17 0	19 14 15
	APRIL	21 14 34	21 20 0		O	{ 3 11 22	3 23 27
	MAY .	21 3 18	21 10 49		APRIL	{ 18 5 44	17 23 18
	O	{ 4 21 40	4 13 30		MAY .	17 18 23	17 9 25
	JUNE .	{ 19 16 2	19 23 54		JUNE .	16 7 12	15 21 21
	JULY .	19 4 46	19 11 20		JULY .	15 19 56	15 11 30
	AUG. .	17 17 30	17 21 35		AUG. .	14 8 40	14 3 39
	SEPT. .	16 6 14	16 7 26		SEPT. .	{ 12 21 24	12 21 2
	OCT. .	15 18 58	15 17 28		O	{ 27 15 46	27 7 1
	NOV. .	{ 14 7 42	14 4 4		OCT. .	12 10 8	12 14 35
	DEC. .	{ 29 2 4	29 7 24		NOV. .	10 22 52	11 7 14
	O	13 20 26	13 15 20		DEC. .	10 11 36	10 22 10
510. C. 27 14 27	JAN. .	12 9 10	12 3 18	507. F. 27 7 54	JAN. .	9 0 20	9 10 58
	FEB. .	10 21 54	10 16 7		FEB. .	7 13 4	7 21 41
	MAR. .	12 10 38	12 5 53		MAR. .	{ 9 1 48	9 6 33
	APRIL	10 23 22	10 20 35		O	{ 23 20 10	24 1 30
	MAY .	{ 10 12 6	10 11 55		APRIL	7 14 32	7 14 26
	O	{ 25 6 28	25 6 0		MAY .	7 3 16	6 21 59
	JUNE .	9 0 50	9 3 17		JUNE .	5 16 0	5 6 18
	JULY .	8 13 34	8 13 4		JULY .	5 4 44	4 16 23
	AUG. .	7 2 18	7 7 52		AUG. .	3 17 23	3 5 15
	SEPT. .	5 15 2	5 20 34		SEPT. .	{ 2 6 12	1 20 50
	OCT. .	5 3 46	5 8 26		O	{ 17 0 34	16 23 11
	NOV. .	3 16 30	3 19 47		OCT. .	{ 1 18 56	1 14 42
	DEC. .	3 5 14	3 6 47		NOV. .	{ 31 7 40	31 9 39
					DEC. .	29 20 24	30 4 12
						29 9 8	29 20 59

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 506. E. March. d. h. m. 27 13 42	JAN. .	d. h. m. 27 21 53	d. h. m. 28 11 7	B.C. 503. A. March. d. h. m. 27 7 9	O JAN. .	d. h. m. { 9 18 41	d. h. m. 10 3 18
	FEB. .	26 10 37	26 22 28		FEB. .	{ 24 13 3	24 12 9
	MAR. .	27 23 21	28 7 25		MAR. .	23 1 47	23 6 5
	APRIL	26 12 5	26 14 46		APRIL	24 14 31	24 22 55
	MAY .	26 0 49	25 21 32		MAY .	23 3 15	23 13 45
	JUNE .	24 13 33	24 4 48		JUNE .	22 15 59	23 2 11
	JULY .	24 2 17	23 13 39		O	{ 21 4 43	21 12 30
	AUG. .	22 15 1	22 1 3		JULY .	{ 5 23 5	5 11 31
	SEPT. .	21 3 45	20 15 33		AUG. .	{ 20 17 27	20 21 23
	OCT. .	20 16 29	20 8 54		SEPT. .	19 6 11	19 5 51
	NOV. .	19 5 13	19 4 7		OCT. .	17 18 55	17 14 46
	DEC. .	18 17 57	18 23 38		NOV. .	17 7 39	17 0 42
					DEC. .	15 20 23	15 12 4
505. D.C. 26 19 31	JAN. .	17 6 42	{ 17 17 46 31 20 31	502. G. 27 12 53	JAN. .	13 21 51	13 15 16
	O	{ 1 1 4			FEB. .	12 10 35	12 6 43
	FEB. .	{ 15 19 26	16 9 15		MAR. .	13 23 19	13 23 5
	MAR. .	16 8 10	16 21 38		APRIL	12 12 3	12 15 23
	APRIL	14 20 54	15 7 13		MAY .	12 0 47	12 6 52
	MAY .	14 9 38	14 14 51		JUNE .	10 13 31	10 20 55
	JUNE .	12 22 22	12 21 34		JULY .	10 2 15	10 9 19
	JULY .	{ 12 11 6	12 4 29		AUG. .	8 14 59	8 20 21
	O	{ 27 5 28	27 8 12		SEPT. .	7 3 43	7 6 35
	AUG. .	10 23 50	10 12 42		OCT. .	6 16 27	6 16 42
	SEPT. .	9 12 34	8 23 7		NOV. .	{ 5 5 11	5 3 7
	OCT. .	9 1 18	8 12 20		O	{ 19 23 33	20 1 47
	NOV. .	7 14 2	7 4 25		DEC. .	4 17 55	4 14 4
	DEC. .	7 2 46	6 22 46				
504. B. 27 1 20	JAN. .	{ 5 15 30	5 18 1	501. F.E. 26 18 47	JAN. .	3 6 40	3 1 34
	O	{ 20 9 52	20 11 24		FEB. .	1 19 24	1 13 42
	FEB. .	4 4 14	4 12 36		MAR. .	{ 2 8 8	2 2 40
	MAR. .	5 16 58	6 5 5		APRIL	{ 31 20 52	31 16 37
	APRIL	4 5 42	4 18 45		O	{ 30 9 36	30 7 30
	MAY .	3 18 26	4 5 35		MAY .	{ 15 3 58	15 6 26
	JUNE .	2 7 10	2 14 12		JUNE .	{ 29 22 20	29 22 51
	JULY O	{ 1 19 54	1 21 39		JULY .	28 11 4	28 14 6
		{ 16 14 16	16 8 47		AUG. .	27 23 43	28 4 33
		{ 31 8 33	31 4 59		SEPT. .	26 12 32	26 18 9
	AUG. .	29 21 22	29 13 14		OCT. .	25 1 16	25* 6 42
	SEPT. .	28 10 6	27 23 9		NOV. .	24 14 0	24 18 31
	OCT. .	27 22 50	27 11 17		O	{ 8 8 22	8 1 3
	NOV. .	26 11 34	26 1 45		DEC. .	{ 23 2 44	23 5 49
	DEC. .	26 0 18	25 18 17			22 15 28	22 16 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 500. D. March. d. h. m. 27 0 35	JAN. . FEB. . MAR. . APRIL O MAY . JUNE . JULY . AUG. . SEPT. . OCT. . O NOV. . DEC. .	d. h. m. 21 4 13 19 16 57 21 5 41 19 18 25 4 12 47 19 7 9 17 19 53 17 8 37 15 21 21 14 10 5 13 22 49 28 17 11 12 11 33 12 0 17	d. h. m. 21 3 6 19 13 23 20 23 56 19 11 24 4 22 36 19 0 17 17 14 43 17 6 24 15 22 36 14 14 34 14 5 41 28 5 14 12 19 34 12 8 2	B.C. 497. A.G. March. d. h. m. 26 18 2	JAN. . FEB. . O MAR. . APRIL MAY . JUNE . JULY . AUG. . O SEPT. . OCT. . NOV. . DEC. .	d. h. m. 18 19 23 17 8 7 3 2 29 17 20 51 16 9 35 15 22 19 14 11 3 13 23 47 12 12 31 27 6 53 11 1 15 10 13 59 9 2 48 8 15 27	d. h. m. 19 8 33 17 21 11 2 22 8 18 7 8 16 15 4 15 21 55 14 4 43 13 12 40 11 22 46 27 12 18 10 11 46 10 3 50 8 22 21 8 17 57
499. C. 27 6 24	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	10 13 1 9 1 45 10 14 29 9 3 13 8 15 57 7 4 41 6 17 25 5 6 9 3 18 53 3 7 37 1 20 21 1 9 5 30 21 49	10 19 6 9 4 55 10 13 50 8 22 28 8 7 43 6 18 31 6 7 31 4 22 47 3 15 51 3 9 41 2 3 9 1 19 11 31 9 9	496. F. 26 23 51	JAN. . FEB. . O MAR. . APRIL MAY . JUNE . JULY . AUG. O SEPT. . OCT. . NOV. . DEC. .	7 4 11 5 16 55 20 11 17 7 5 39 5 18 23 5 7 7 3 19 51 3 8 35 1 21 19 16 15 41 31 10 3 29 22 47 29 11 31 28 0 15 27 12 59	7 12 56 6 5 46 20 6 16 7 19 38 6 6 29 5 14 54 3 21 56 3 4 42 1 12 14 16 19 19 30 21 33 29 9 25 29 0 8 27 17 27 27 12 19
498. B. 27 12 13	JAN. . FEB. . O MAR. . APRIL MAY . JUNE . JULY . AUG. . O SEPT. . OCT. . NOV. . DEC. .	29 10 34 27 23 18 14 17 40 29 12 2 28 0 46 27 13 30 26 2 14 25 14 58 24 3 42 7 22 4 22 16 26 22 5 10 20 17 54 20 6 38	29 20 50 28 6 27 14 20 35 29 14 33 27 21 56 27 5 36 25 14 39 25 2 3 23 16 19 7 22 39 22 9 17 22 4 2 20 23 7 20 17 1	495. E. 27 5 40	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . O	26 1 44 24 14 23 26 3 12 24 15 56 24 4 40 22 17 24 22 6 8 20 18 52 19 7 36 18 20 20 17 9 4 16 21 43 31 16 11	26 7 18 25 0 51 26 15 54 25 4 4 24 13 43 22 21 42 22 5 6 20 12 57 18 22 8 18 9 12 16 22 30 16 13 58 ...

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 494. D. March. d. h. m. 27 11 28		d. h. m.	d. h. m.	B.C. 491. G. March. d. h. m. 27 4 55		d. h. m.	d. h. m.
	O	...	1 1 58		JAN. .	12 1 42	12 2 17
	JAN. .	15 10 33	15 7 4		FEB. .	10 14 26	10 12 24
	FEB. .	13 23 17	14 0 52		MAR. .	12 3 10	11 22 28
	MAR. .	15 12 1	15 18 12		APRIL	10 15 54	10 9 7
	APRIL	14 0 45	14 10 2		O	25 10 16	25 21 47
	MAY .	13 13 29	13 23 41		MAY .	10 4 38	9 21 1
	JUNE .	12 2 13	12 11 6		JUNE .	8 17 22	8 10 35
	O	26 20 35	26 8 54		JULY .	8 6 6	8 1 43
	JULY .	11 14 57	11 20 45		AUG. .	6 18 50	6 17 55
	AUG. .	10 3 41	10 5 32		SEPT. .	5 7 34	5 10 21
	SEPT. .	8 16 25	8 14 20		OCT. .	4 20 18	5 2 15
	OCT. .	8 5 9	7 23 54		O	19 14 40	19 2 25
	NOV. .	6 17 53	6 10 38		NOV. .	3 9 2	3 17 2
	DEC. .	6 6 37	5 22 40		DEC. .	2 21 46	3 6 22
	O	21 0 59	21 12 22				
493. C.B. 26 17 17	JAN. .	4 19 21	4 12 7	490. F. 27 10 44	JAN. .	1 10 31	1 18 9
	FEB. .	3 8 5	3 2 50		FEB. .	30 23 15	31 4 26
	MAR. .	3 20 49	3 18 32			...	...
	APRIL	2 9 33	2 10 41		MAR. .	1 11 59	1 13 32
	MAY .	1 22 17	2 2 33		O	31 0 43	30 21 59
	O	31 11 1	31 17 24		APRIL	14 19 5	15 6 24
	JUNE .	15 5 23	14 20 48		MAY .	29 13 27	29 6 37
	JULY .	29 23 45	30 6 46		JUNE .	29 2 11	23 16 22
	AUG. .	23 1 13	23 5 29		JULY .	27 14 55	27 4 8
	SEPT. .	26 13 57	26 15 51		AUG. .	27 3 39	26 18 17
	OCT. .	26 2 41	26 2 16		SEPT. .	25 16 23	25 10 42
	NOV. .	24 15 25	24 13 0		O	24 5 7	24 4 29
	O	9 9 47	9 15 26		SEPT. .	8 23 29	8 15 36
	DEC. .	24 4 9	24 0 9		OCT. .	23 17 51	23 22 32
492. A. 26 23 6	JAN. .	22 16 54	22 11 46	489. E.D. 26 16 33	NOV. .	22 6 35	22 15 35
	FEB. .	21 5 38	20 23 59		DEC. .	21 19 19	22 6 44
	MAR. .	22 13 22	22 13 8				
	APRIL	21 7 6	21 3 19		JAN. .	20 8 4	20 19 32
	MAY .	20 19 50	20 18 23		FEB. .	18 20 48	19 6 0
	O	4 14 12	4 13 26		MAR. .	19 9 32	19 14 37
	JUNE .	19 8 34	19 9 47		O	3 3 54	3 8 17
	JULY .	18 21 13	19 0 53		APRIL	17 22 16	17 22 5
	AUG. .	17 10 2	17 15 13		MAY .	17 11 0	17 5 20
	SEPT. .	15 22 46	16 4 32		JUNE .	15 23 44	15 13 29
	OCT. .	15 11 30	15 16 53		JULY .	15 12 28	14 23 35
	NOV. .	14 0 14	14 4 39		AUG. .	14 1 12	13 12 27
	DEC. .	13 12 53	13 15 45		SEPT. .	12 13 56	12 4 14
					O	27 8 13	27 7 41
					OCT. .	12 2 40	11 22 22
					NOV. .	10 15 24	10 17 38
					DEC. .	10 4 8	10 12 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 488. c. March. d. h. m. 26 22 21		d. h. m.	d. h. m.	B.C. 485. G.F. March. d. h. m. 26 15 48		d. h. m.	d. h. m.
	JAN. .	8 16 52	9 5 13		JAN. .	{ 6 8 2	6 2 23
	FEB. .	7 5 36	7 19 16		○	{ 21 2 24	21 11 53
	MAR. .	8 18 20	9 6 24		FEB. .	4 20 46	4 19 42
	APRIL	7 7 4	7 15 7		MAR. .	5 9 30	5 13 11
	MAY ..	6 19 48	6 22 17		APRIL	3 22 14	4 5 45
	JUNE .	5 8 32	5 4 56		MAY .	3 10 58	3 20 31
	JULY .	4 21 16	4 12 12		JUNE .	1 23 42	2 9 4
	AUG. .	3 10 0	2 21 9			{ 1 12 26	1 19 41
	SEPT. .	1 22 44	{ 1 8 42		JULY ○	{ 16 6 48	15 18 28
		{ 1 11 23	{ 30 23 21			{ 31 1 10	31 5 0
	OCT. .	{ 31 0 12	30 16 49		AUG. .	29 13 54	29 13 56
	NOV. .	29 12 56	29 12 6		SEPT. .	28 2 38	27 23 15
	DEC. .	29 1 40	29 7 34		OCT. .	27 15 22	27 9 29
					NOV. .	26 4 6	25 20 53
					DEC. .	25 16 50	25 9 31
487. B.	JAN. .	27 14 25	28 1 35				
	○	{ 11 8 47	11 4 45	484. E.	JAN. .	24 5 35	23 23 23
27 4 10	FEB. .	{ 26 3 9	26 16 55		FEB. .	22 18 19	22 14 20
	MAR. .	27 15 53	28 5 9	26 21 37	MAR. .	24 7 3	24 6 4
	APRIL	26 4 37	26 14 39		APRIL	22 19 47	22 22 0
	MAY .	25 17 21	25 22 14		MAY .	22 8 31	22 13 24
	JUNE .	24 6 5	24 5 2		JUNE .	20 21 15	21 3 39
	JULY .	23 18 49	23 12 9		JULY .	20 9 59	20 16 28
	○	{ 7 13 11	7 15 10		AUG. .	18 22 43	19 4 1
	AUG. .	{ 22 7 33	21 20 35		SEPT. .	17 11 27	17 14 50
	SEPT. .	20 20 17	20 7 13		OCT. .	17 0 11	17 1 23
	OCT. .	20 9 1	19 20 34		NOV. .	{ 15 12 55	15 12 4
	NOV. .	18 21 45	18 12 38		○	{ 30 7 17	30 9 47
	DEC. .	18 10 29	18 6 46		DEC. .	15 1 39	14 22 59
486. A.	JAN. .	{ 16 23 14	17 1 45	483. D.	JAN. .	13 14 24	13 10 12
	○	{ 31 17 36	31 20 0		FEB. .	12 3 8	11 21 49
27 9 59	FEB. .	15 11 58	15 20 1	27 3 26	MAR. .	13 15 52	13 10 10
	MAR. .	17 0 42	17 12 19		APRIL	12 4 36	11 23 34
	APRIL	15 13 26	16 1 53		MAY .	{ 11 17 20	11 14 3
	MAY .	15 2 10	15 12 44		○	{ 26 11 42	26 13 28
	JUNE .	13 14 54	13 21 30		JUNE .	10 6 4	10 5 18
	JULY .	{ 13 3 38	13 5 12		JULY .	9 18 48	9 20 44
	○	{ 27 22 0	27 15 32		AUG. .	8 7 32	8 11 44
	AUG. .	11 16 22	11 12 53		SEPT. .	6 20 16	7 1 51
	SEPT. .	10 5 6	9 21 23		OCT. .	6 9 0	6 15 1
	OCT. .	9 17 50	9 7 41		NOV. .	{ 4 21 44	5 3 17
	NOV. .	8 6 34	7 19 53		○	{ 19 16 6	19 9 7
	DEC. .	7 19 18	7 10 13		DEC. .	4 10 28	4 14 46

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 482. c. March. d. h. m. 27 9 14		d. h. m.	d. h. m.	B.C. 479. F. March. d. h. m. 27 2 41		d. h. m.	d. h. m.
	JAN. .	2 23 12	3 1 81		JAN. .	29 3 6	29 16 40
	FEB. .	1 11 56	1 11 38		FEB. .	27 15 50	28 5 9
	MAR. .	3 0 40	2 21 25		○	14 10 12	14 5 27
	APRIL .	1 13 24	1 7 25		MAR. .	29 4 34	29 14 53
		1 2 8	30 18 23		APRIL .	27 17 18	27 22 36
	MAY ○	15 20 30	16 5 52		MAY .	27 6 2	27 5 20
		30 14 52	30 6 55		JUNE .	25 18 46	25 12 9
	JUNE .	29 3 36	28 21 15		JULY .	25 7 30	24 20 11
	JULY .	28 16 20	28 13 6		AUG. .	23 20 14	23 6 25
	AUG. .	27 5 4	27 5 44		○	7 14 36	7 20 9
	SEPT. .	25 17 48	25 22 17		SEPT. .	22 8 58	21 19 34
	OCT. .	25 6 32	25 13 57		OCT. .	21 21 42	21 11 46
	○	9 0 54	8 13 40		NOV. .	20 10 26	20 6 20
	NOV. .	23 19 16	24 4 14		DEC. .	19 23 10	20 1 52
	DEC. .	23 8 0	23 16 50				
481. B.A. 26 15 3	JAN. .	21 20 45	22 3 47	478. E. 27 8 30	JAN. .	18 11 55	18 20 45
	FEB. .	20 9 29	20 13 16		FEB. .	17 0 39	17 13 27
	MAR. .	20 22 18	20 21 44		○	3 19 1	3 14 11
	APRIL .	19 10 57	19 5 56		MAR. .	18 13 23	19 3 9
	MAY .	18 23 41	18 14 51		APRIL .	17 2 7	17 13 53
	JUNE .	17 12 25	17 1 24		MAY .	16 14 51	16 22 18
	JULY .	17 1 9	16 14 20		JUNE .	15 3 35	15 5 24
	AUG. .	15 13 53	15 5 45		JULY .	14 16 19	14 12 19
	SEPT. .	14 2 37	13 23 9		AUG. .	13 5 3	12 20 6
	OCT. .	13 15 21	13 17 28		○	27 23 25	28 2 36
	NOV. .	12 4 5	12 11 22		SEPT. .	11 17 47	11 5 40
	DEC. .	11 16 49	12 3 40		OCT. .	11 6 31	10 17 41
					NOV. .	9 19 15	9 8 26
					DEC. .	9 7 59	9 1 35
480. G. 26 20 52	JAN. .	10 5 34	10 17 41	477: D.C. 26 14 19	JAN. .	7 20 43	7 20 9
	FEB. .	8 18 18	9 5 13		FEB. .	6 9 27	6 14 47
	MAR. .	10 7 2	10 14 32		MAR. .	6 22 11	7 8 4
	○	25 1 24	25 8 29		APRIL .	5 10 55	5 22 53
	APRIL .	8 19 46	8 22 17		MAY .	4 23 39	5 11 8
	MAY .	8 8 30	8 5 23		JUNE .	3 12 23	3 20 54
	JUNE .	6 21 14	6 12 53		JULY .	3 1 7	3 5 8
	JULY .	6 9 58	5 21 50			1 13 51	1 12 52
	AUG. .	4 22 42	4 9 17		AUG. .	31 2 35	30 21 6
	SEPT. .	3 11 26	2 23 41		SEPT. .	29 15 19	29 6 34
	○	18 5 43	18 6 59		OCT. .	29 4 8	28 17 49
	OCT. .	8 0 10	2 16 54		NOV. .	27 16 47	27 7 4
	NOV. .	1 12 54	1 11 54		DEC. .	27 5 31	26 22 13
	DEC. .	1 1 38	1 7 12				
		30 14 22	31 1 11				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 476.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 473.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	○	{ 10 23 54	11 10 36	F.E.	JAN. .	23 9 26	23 10 58
March.	JAN. .	{ 25 18 16	25 14 51	March.	FEB. .	21 22 10	21 20 38
<i>d. h. m.</i>	FEB. .	24 7 0	24 8 8	<i>d. h. m.</i>	MAR. .	22 10 54	22 6 11
26 20 7	MAR. .	25 19 44	26 1 5	26 13 34	APRIL	20 28 38	20 16 19
	APRIL	24 8 28	24 16 45		MAY .	20 12 22	20 3 49
	MAY .	23 21 12	24 6 27		JUNE .	19 1 6	18 17 11
	JUNE .	22 9 56	22 18 7		JULY .	18 13 50	18 8 22
	○	{ 7 4 18	6 15 55		AUG. .	17 2 34	17 0 53
	JULY .	{ 21 22 40	22 4 11		SEPT. .	15 15 18	15 17 50
	AUG. .	20 11 24	20 13 26		OCT. .	{ 15 4 2	15 10 19
	SEPT. .	19 0 8	18 22 43		○	{ 29 22 24	29 10 56
	OCT. .	18 12 52	18 8 36		NOV. .	18 16 46	14 1 33
	NOV. .	17 1 36	16 19 29		DEC. .	18 5 30	18 15 8
	DEC. .	{ 16 14 20	16 7 25				
	○	{ 31 8 42	31 20 41	472.	JAN. .	11 18 15	12 2 58
				D.	FEB. .	10 6 59	10 12 54
475.	JAN. .	15 3 5	14 20 28	26 19 23	MAR. .	11 19 48	11 21 38
A.	FEB. .	13 15 49	13 10 37		APRIL	{ 10 8 27	10 5 87
27 1 56	MAR. .	15 4 33	15 1 42		○	{ 25 2 49	25 13 17
	APRIL	13 17 17	13 17 24		MAY .	9 21 11	9 13 52
	MAY .	13 6 1	13 9 1		JUNE .	8 9 55	7 23 22
	JUNE .	{ 11 18 45	11 23 59		JULY .	7 22 39	7 11 0
	○	{ 26 13 7	26 4 10		AUG. .	6 11 23	6 1 13
	JULY .	11 7 29	11 13 41		SEPT. .	5 0 7	4 17 53
	AUG. .	9 20 13	10 2 6		OCT. .	{ 4 12 51	4 12 7
	SEPT. .	8 8 57	8 13 31		○	{ 19 7 13	19 0 18
	OCT. .	7 21 41	8 0 24		NOV. .	3 1 33	3 6 34
	NOV. .	6 10 25	6 11 9		DEC. .	2 14 19	2 23 56
	DEC. .	{ 5 23 9	5 21 59				
	○	{ 20 17 31	20 23 27	471.	JAN. .	{ 1 8 8	1 15 18
				C.	FEB. .	{ 80 15 47	81 3 55
474.	JAN. .	4 11 53	4 8 56	27 1 12			
G.	FEB. .	3 0 37	2 20 4		...	...	...
27 7 45	MAR. .	4 13 21	4 7 43		MAR. .	{ 1 4 81	1 14 9
	APRIL	3 2 5	2 20 16		○	{ 80 17 15	80 22 26
	MAY .	2 14 49	2 9 59		○	{ 14 11 37	14 14 58
	○	{ 1 3 33	1 0 49		APRIL	{ 29 5 59	29 5 33
	JUNE ○	{ 15 21 55	15 20 53		MAY .	28 13 48	28 12 41
		{ 30 16 17	30 16 18		JUNE .	27 7 27	26 20 48
	JULY .	30 5 1	30 7 46		JULY .	26 20 11	26 6 50
	AUG. .	28 17 45	28 22 38		AUG. .	25 8 55	24 19 47
	SEPT. .	27 6 29	27 12 36		SEPT. .	28 21 39	28 11 46
	OCT. .	26 19 13	27 1 33		○	{ 8 16 1	8 16 16
	NOV. .	25 7 57	25 13 33		OCT. .	{ 23 10 23	23 6 8
	DEC. .	24 20 41	25 0 40		NOV. .	21 23 7	22 1 36
					DEC. .	21 11 51	21 20 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 470. B. March. d. h. m. 27 7 0		d. h. m.	d. h. m.	B.C. 467. E. March. d. h. m. 27 0 26		d. h. m.	d. h. m.
	JAN. .	20 0 36	20 13 19		JAN. .	{ 16 15 46	16 10 24
	FEB. .	18 13 20	19 3 15		○	{ 31 10 8	31 20 23
	MAR. .	20 2 4	20 14 11		FEB. .	15 4 30	15 3 12
	APRIL	18 14 48	18 22 43		MAR. .	16 17 14	16 20 13
	MAY .	18 3 32	18 5 46		APRIL	15 5 58	15 12 29
	JUNE .	16 16 16	16 12 24		MAY .	14 18 42	15 3 12
	JULY .	16 5 0	15 19 43		JUNE .	13 7 26	13 15 58
	AUG. .	14 17 44	14 4 49		JULY .	{ 12 20 10	13 2 56
	SEPT. .	13 6 28	12 16 32		○	{ 27 14 32	27 1 34
	OCT. .	12 19 12	12 7 18		AUG. .	11 8 54	11 12 44
	NOV. .	11 7 56	11 0 50		SEPT. .	9 21 38	9 22 9
	DEC. .	10 20 40	10 20 4		OCT. .	9 10 22	9 7 53
					NOV. .	7 23 6	7 18 22
					DEC. .	7 11 50	7 5 45
469. A.G. 26 12 48	JAN. .	9 9 24	9 15 23	466. D. 27 6 15	JAN. .	6 0 35	5 13 6
	FEB. .	{ 7 22 9	8 9 15		FEB. .	4 13 19	4 7 25
	○	{ 22 16 31	22 12 54		MAR. .	6 2 3	5 21 45
	MAR. .	8 10 53	9 0 26		APRIL	4 14 47	4 12 56
	APRIL	6 23 37	7 12 33		MAY .	4 3 31	4 4 32
	MAY .	6 12 21	6 22 0		JUNE .	2 16 15	2 19 52
	JUNE .	5 1 5	5 5 38		JULY .	{ 2 4 59	2 10 22
	JULY .	4 13 49	4 12 35		○	{ 31 17 43	31 23 40
	AUG. .	{ 3 2 33	2 19 57		AUG. .	30 6 27	30 11 49
	○	{ 17 20 55	17 22 13		SEPT. .	23 19 11	23 23 11
	SEPT. .	1 15 17	{ 1 4 33		OCT. .	23 7 55	23 10 11
	OCT. .	{ 1 4 1	{ 30 15 30		NOV. .	26 20 39	26 21 3
	NOV. .	{ 30 16 45	30 4 55		○	{ 11 15 1	11 17 46
	DEC. .	29 5 29	28 20 53		DEC. .	{ 26 9 23	26 7 53
		28 18 13	28 14 45				
468. F. 26 18 37	JAN. .	27 6 57	27 9 21	465. C.B. 26 12 4	JAN. .	24 22 7	24 18 44
	○	{ 11 1 19	11 4 26		FEB. .	23 10 51	23 5 43
	FEB. .	{ 25 19 41	26 3 18		MAR. .	23 23 25	23 17 33
	MAR. .	27 8 23	27 19 23		APRIL	22 12 19	22 6 24
	APRIL	25 21 9	26 8 53		MAY .	22 1 3	21 20 33
	MAY .	25 9 53	25 19 49		○	{ 5 19 25	5 21 13
	JUNE .	23 22 37	24 4 49		JUNE .	{ 20 13 47	20 11 44
	JULY .	23 11 21	23 12 50		JULY .	20 2 31	20 3 26
	○	{ 7 5 43	6 22 23		AUG. .	18 15 15	18 18 56
	AUG. .	{ 22 0 5	21 20 54		SEPT. .	17 3 59	17 9 40
	SEPT. .	20 12 49	20 5 50		OCT. .	16 16 43	16 23 24
	OCT. .	20 1 33	19 16 17		NOV. .	{ 15 5 27	15 12 3
	NOV. .	18 14 17	18 4 32		○	{ 29 23 49	29 17 13
	DEC. .	18 3 1	17 18 39		DEC. .	14 18 11	14 23 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 464.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 461.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March. <i>d. h. m.</i> 26 17 53	JAN. .	13 6 56	13 10 18	E.D. March. <i>d. h. m.</i> 26 11 19	JAN. .	10 22 5	11 9 14
	FEB. .	11 19 40	11 20 8		FEB. .	9 10 50	10 0 38
	MAR. .	13 8 24	13 5 20		MAR. .	{ 9 23 31	10 12 57
	APRIL	11 21 8	11 14 50		O	{ 24 17 56	24 12 41
	MAY .	{ 11 9 52	11 1 20		APRIL	8 12 18	8 22 30
	O	{ 26 4 14	26 13 6		MAY .	8 1 2	8 6 6
	JUNE .	9 22 36	9 13 36		JUNE .	6 13 46	6 12 47
	JULY .	9 11 20	9 3 53		JULY .	6 2 30	5 19 41
	AUG. .	8 0 4	7 19 57		AUG. .	4 15 14	4 3 50
	SEPT. .	6 12 48	6 13 2		SEPT. .	{ 3 3 58	2 14 15
	OCT. .	6 1 32	6 6 7		O	{ 17 22 20	18 4 8
	NOV. .	{ 4 14 16	4 22 19		OCT. .	2 16 42	{ 2 3 33
	O	{ 19 8 33	18 22 12		NOV. .	{ 1 5 26	{ 31 19 49
	DEC. .	4 3 0	4 12 54		DEC. .	{ 30 18 10	30 14 20
463.				460.			
G. 26 23 41	JAN. .	2 15 44	3 1 34	C.	JAN. .	28 19 38	29 4 27
	FEB. .	1 4 28	1 12 21		FEB. .	27 8 22	27 20 57
	MAR. .	2 17 12	2 21 27		O	{ 14 2 44	13 21 57
	APRIL	{ 1 5 56	1 5 30	26 17 8	MAR. .	{ 28 21 6	29 10 32
	MAY .	{ 30 18 40	30 13 21		APRIL	27 9 50	27 21 11
	JUNE .	30 7 24	29 21 57		MAY .	26 22 34	27 5 37
	JULY .	28 20 8	28 8 21		JUNE .	25 11 18	25 12 52
	AUG. .	28 8 52	27 21 16		JULY .	25 0 2	24 20 0
	AUG. .	26 21 36	26 12 53		AUG. .	23 12 46	23 4 4
	SEPT. .	25 10 20	25 6 36		O	{ 7 7 8	7 10 1
	OCT. .	24 23 4	25 1 18		SEPT. .	{ 22 1 30	21 13 54
	NOV. .	23 11 48	23 19 33		OCT. .	21 14 14	21 2 5
	DEC. .	23 0 32	23 12 4		NOV. .	20 2 58	19 16 47
462.				459.			
F. 27 5 30	JAN. .	21 13 17	22 2 5	B.	JAN. .	18 4 27	18 3 55
	FEB. .	20 2 1	20 13 24		FEB. .	16 17 11	16 22 11
	MAR. .	21 14 45	21 22 27	26 22 57	MAR. .	18 5 55	18 15 10
	APRIL	20 3 29	20 5 55		APRIL	16 18 39	17 5 56
	MAY .	19 16 13	19 12 48		MAY .	16 7 23	16 18 8
	JUNE .	18 4 57	17 20 10		JUNE .	14 20 7	15 4 6
	JULY .	17 17 41	17 5 8		JULY .	14 8 51	14 12 39
	AUG. .	16 6 25	15 16 38		AUG. .	12 21 35	12 20 43
	SEPT. .	{ 14 19 9	14 7 13		SEPT. .	11 10 19	11 5 23
	O	{ 29 13 31	29 15 24		OCT. .	10 23 8	10 15 10
	OCT. .	14 7 53	14 0 36		NOV. .	9 11 47	9 2 34
	NOV. .	12 20 37	12 19 48		DEC. .	9 0 31	8 15 41
	DEC. .	12 9 21	12 15 14				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 458. A. March. <i>d. h. m.</i> 27 4 46		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 455. D. March. <i>d. h. m.</i> 26 22 12		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 7 13 16	7 6 28		JAN. .	4 4 26	4 9 33
	○	{ 22 7 33	22 19 8		FEB. .	2 17 10	2 19 31
	FEB. .	6 2 0	5 22 33		MAR. .	4 5 54	4 4 45
	MAR. .	7 14 44	7 15 19		APRIL	2 18 33	2 18 47
	APRIL	6 3 23	6 7 52		MAY .	{ 2 7 22	1 23 28
	MAY .	5 16 12	5 23 22			{ 31 20 6	31 10 37
	JUNE .	4 4 56	4 13 11		JUNE .	30 8 50	29 23 50
	JULY .	{ 3 17 40	4 1 10		JULY .	29 21 34	29 15 8
	○	{ 18 12 2	17 23 5		AUG. .	28 10 18	28 7 59
	AUG. .	{ 2 6 24	2 11 43		SEPT. .	26 23 2	27 1 27
		{ 31 19 8	31 21 29		OCT. .	26 11 46	26 18 28
	SEPT. .	30 7 52	30 7 13		○	{ 10 6 8	9 19 33
	OCT. .	29 20 36	29 17 28		NOV. .	{ 25 0 30	25 10 6
	NOV. .	28 9 20	28 4 24		DEC. .	24 13 14	24 23 50
	DEC. .	27 22 4	27 16 9				
	○	{ 11 16 26	12 4 55	454. C.	JAN. .	23 1 58	23 11 27
457. G.F.	JAN. .	{ 26 10 48	26 4 44	27 4 1	FEB. .	21 14 42	21 21 12
26 10 34	FEB. .	24 23 32	24 18 16		MAR. .	23 3 26	23 5 31
	MAR. .	25 12 16	25 8 45		APRIL	21 16 10	21 13 10
	APRIL	24 1 0	24 0 0		○	{ 6 10 32	6 20 1
	MAY .	23 13 44	23 15 28		MAY .	{ 21 4 54	20 21 6
	JUNE .	22 2 28	22 6 33		JUNE .	19 17 38	19 6 24
	○	{ 6 20 50	6 11 36		JULY .	19 6 22	18 17 59
	JULY .	{ 21 15 12	21 20 39		AUG. .	17 19 6	17 8 20
	AUG. .	20 3 56	20 9 39		SEPT. .	16 7 50	16 1 15
	SEPT. .	18 16 40	18 21 39		OCT. .	{ 15 20 34	15 19 48
	OCT. .	18 5 24	18 9 1		○	{ 30 14 56	30 9 5
	NOV. .	16 18 8	16 20 6		NOV. .	14 9 18	14 14 37
	DEC. .	{ 16 6 52	16 6 56		DEC. .	13 22 2	14 8 14
	○	{ 31 1 14	31 7 21	453. B.A.	JAN. .	12 10 47	12 23 36
456. E.	JAN. .	14 19 37	14 17 39	26 9 50	FEB. .	10 23 31	11 12 10
26 16 23	FEB. .	13 8 21	13 4 18		MAR. .	11 12 15	11 22 10
	MAR. .	14 21 5	14 15 22		APRIL	{ 10 0 59	10 6 10
	APRIL	13 9 49	13 3 21		○	{ 24 19 21	24 21 32
	MAY .	12 22 33	12 16 33		MAY .	9 13 43	9 13 7
	JUNE .	{ 11 11 17	11 7 17		JUNE .	8 2 27	7 20 3
	○	{ 26 5 39	26 4 24		JULY .	7 15 11	7 4 4
	JULY .	11 0 1	10 22 52		AUG. .	6 3 55	5 14 14
	AUG. .	9 12 45	9 14 45		SEPT. .	4 16 39	4 3 19
	SEPT. .	8 1 29	8 6 12		OCT. .	{ 4 5 23	3 19 28
	OCT. .	7 14 13	7 20 46		○	{ 18 23 45	19 0 59
	NOV. .	6 2 57	6 10 12		NOV. .	2 18 7	2 14 1
	DEC. .	5 15 41	5 22 27		DEC. .	{ 2 6 51	2 9 35
						{ 31 19 35	...

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 452.				B.C. 449.			
G.				D.C.			
March.				March.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
26 15 39	JAN. .	{ ... 1 4 29	30 21 16	26 9 5	JAN. .	27 23 29	27 18 19
	FEB. .	{ 30 8 19 30 21 16	...		O	{ 11 17 51 12 4 48	26 10 88
	MAR. .	{ 28 21 4 1 11 4	{ 30 21 50		FEB. .	{ 26 12 13 26 10 88	27 3 4
	APRIL	30 9 48	29 6 14		MAR. .	27 0 57	25 19 5
	MAY .	28 22 32	28 13 13		APRIL	25 18 41	25 9 48
	JUNE .	28 11 16	26 19 53		MAY .	25 2 25	23 22 49
	JULY .	27 0 0	26 8 21		JUNE .	23 15 9	23 10 15
	AUG. .	26 12 44	24 12 38		JULY .	23 8 53	{ 6 22 15 6 8 48
	SEPT. .	25 1 28	23 0 32		O	{ 21 16 37 21 20 34	20 6 30
	OCT. .	23 14 12	22 15 25		AUG. .	{ 20 5 21 19 16 38	18 3 18
	NOV. .	23 2 56	21 8 55		SEPT. .	19 18 5	17 19 33
	DEC. .	21 15 40	21 4 0		OCT. .	18 6 49	16 2 33
451.	JAN. .	19 17 8	19 23 10	448.	JAN. .	16 8 18	14 21 2
F.	FEB. .	18 5 52	18 16 46	B.	FEB. .	14 21 2	16 5 2
26 21 27	O	{ 5 0 14 4 20 54	20 7 46	26 14 54	MAR. .	16 9 46	14 19 41
	MAR. .	{ 19 18 36 18 19 48	15 20 11		APRIL	14 22 30	14 10 59
	APRIL	18 7 20	14 8 49		MAY .	14 11 14	12 28 58
	MAY .	17 20 4	12 12 51		JUNE .	12 28 58	12 12 42
	JUNE .	16 8 48	11 23 54		JULY .	12 12 42	11 6 57
	JULY .	15 21 32	10 13 23		AUG. .	11 1 26	9 19 42
	AUG. .	{ 14 10 16 14 8 49	9 10 27		SEPT. .	9 14 10	9 7 88
	O	{ 29 4 38 29 5 24	8 2 18		OCT. .	9 2 54	7 15 88
	SEPT. .	12 23 0	7 15 88		NOV. .	7 15 88	{ 7 4 22 7 6 2
	OCT. .	12 11 44	6 2 53		DEC. .	{ 21 22 44 22 1 40	5 17 7
	NOV. .	11 0 28	5 12 10		O	{ 4 5 51 4 8 9	5 18 42
	DEC. .	10 18 12	4 0 51		MAR. .	5 18 35	4 0 51
450.	JAN. .	9 1 57	3 20 34	447.	APRIL	4 7 19	8 20 8
E.	FEB. .	{ 7 14 41 7 16 52	2 5 8	A.	MAY .	8 20 8	{ 2 8 47 2 8 4
27 3 16	O	{ 22 9 8 22 12 45	1 14 22	26 20 48	JUNE .	{ 2 8 47 2 8 4	{ 17 8 9 17 4 45
	MAR. .	9 8 25	1 14 22		O	{ 17 8 9 17 4 45	{ 1 21 31 1 18 16
	APRIL	7 16 9	31 1 2		JULY .	{ 81 10 15 81 10 14	29 22 59
	MAY .	7 4 58	29 13 16		AUG. .	29 22 59	28 11 43
	JUNE .	5 17 37	29 8 5		SEPT. .	28 11 43	28 0 27
	JULY .	5 6 21	29 3 5		OCT. .	28 0 27	26 13 11
	AUG. .	{ 3 19 5 3 20 34	26 8 84		NOV. .	26 13 11	{ 11 7 38 11 1 21
	O	{ 18 13 27 18 5 24	26 8 84		O	{ 11 7 38 11 1 21	26 8 84
	SEPT. .	2 7 49	26 8 84		DEC. .	26 1 55	
	OCT. .	{ 1 20 33 1 14 22	26 8 84				
	NOV. .	{ 31 9 17 31 1 2	26 8 84				
	DEC. .	29 22 1	26 8 84				
		29 10 45	26 8 84				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 446. G. March. d. h. m. 27 2 31		d. h. m.	d. h. m.	B.C. 443. G. March. d. h. m. 26 19 58		d. h. m.	d. h. m.
	JAN. .	24 14 30	21 18 57		JAN. .	21 5 49	21 17 10
	FEB. .	23 3 23	23 4 19		FEB. .	19 18 33	20 8 26
	MAR. .	21 16 7	24 13 8		MAR. .	21 7 17	21 20 36
	APRIL .	23 4 51	22 22 8		○	{ 5 1 39	4 19 48
	MAY .	22 17 35	22 8 16		APRIL	{ 19 20 1	20 6 1
	○	{ 6 11 57	6 20 18		MAY .	19 8 45	19 13 32
	JUNE .	{ 21 6 19	20 20 19		JUNE .	17 21 29	17 20 14
	JULY .	20 19 3	20 10 36		JULY .	17 10 13	17 3 15
	AUG. .	19 7 47	19 2 55		AUG. .	15 22 57	15 11 37
	SEPT. .	17 20 31	17 20 21		SEPT. .	{ 14 11 41	13 22 15
	OCT. .	17 9 15	17 14 2		○	{ 29 6 3	29 12 13
	NOV. .	{ 15 21 59	16 6 40		OCT. .	14 0 25	13 11 40
	○	{ 30 16 21	30 6 45		NOV. .	12 13 9	12 3 57
	DEC. .	15 10 43	15 21 31		DEC. .	12 1 53	11 22 22
445. F.E. 26 8 20	JAN. .	18 23 23	14 10 13	442. D. 27 1 47	JAN. .	10 14 38	10 17 34
	FEB. .	12 12 12	12 20 45		FEB. .	9 3 22	9 11 59
	MAR. .	13 0 56	13 5 31		MAR. .	{ 10 16 6	11 4 17
	APRIL .	11 13 40	11 13 13		○	{ 25 10 28	25 5 33
	MAY .	{ 11 2 24	10 20 43		APRIL	9 4 50	9 17 45
	○	{ 25 20 46	26 5 55		MAY .	8 17 34	9 4 25
	JUNE .	9 15 8	9 5 6		JUNE .	7 6 18	7 12 56
	JULY .	9 3 52	8 15 24		JULY .	6 19 2	6 20 22
	AUG. .	7 16 36	7 4 22		AUG. .	5 7 46	5 3 43
	SEPT. .	6 5 20	5 20 10		SEPT. .	{ 3 20 30	3 12 13
	OCT. .	5 18 4	5 14 12		○	{ 18 14 52	18 17 31
	NOV. .	4 6 48	4 9 14		OCT. .	3 9 14	2 22 19
	DEC. .	3 19 32	4 3 46		NOV. .	1 21 58	1 10 36
444. D. 26 14 9	JAN. .	{ 2 8 17	2 20 21	441. A.G. 26 7 36	JAN. .	29 12 11	23 11 35
		{ 31 21 1	...		FEB. .	23 0 55	28 5 25
	FEB. .	...	1 10 21		MAR. .	28 13 39	23 22 6
	MAR. .	{ 2 9 45	2 21 23		APRIL	27 2 23	27 12 47
		{ 31 22 29	{ 1 6 15		MAY .	26 15 7	27 1 5
	APRIL	30 11 13	{ 30 13 30		JUNE .	25 3 51	25 11 19
	MAY .	29 23 57	29 20 13		JULY .	24 16 35	24 20 14
	JUNE .	23 12 41	23 8 33		AUG. .	23 5 19	23 4 47
	JULY .	23 1 25	27 12 33		SEPT. .	21 18 3	21 13 49
	AUG. .	26 14 9	26 0 12		OCT. .	21 6 47	20 23 54
	SEPT. .	25 2 53	24 14 54		NOV. .	19 19 31	19 11 22
	○	{ 9 21 15	9 23 59		DEC. .	19 8 15	19 0 16
	OCT. .	{ 24 15 37	24 8 27				
	NOV. .	23 4 21	23 3 45				
	DEC. .	22 17 5	22 23 11				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 440. F. March. <i>d. h. m.</i> 26 13 24		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 437. C.B. March. <i>d. h. m.</i> 26 6 51		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17 20 59	17 14 37		JAN. .	15 12 9	15 18 16
	○	{ 1 15 21	2 3 29		FEB. .	14 0 53	14 3 57
	FEB. .	{ 16 9 43	16 6 7		MAR. .	14 13 37	14 12 43
	MAR. .	17 22 27	17 22 19		APRIL	13 2 21	12 21 18
	APRIL	16 11 11	16 14 31		MAY .	12 15 5	12 6 31
	MAY .	15 23 55	16 5 55		JUNE .	11 3 49	10 17 26
	JUNE .	14 12 39	14 19 54		JULY .	10 16 33	10 6 34
	JULY .	{ 14 1 23	14 8 16		AUG. .	9 5 17	8 22 0
	○	{ 28 19 45	23 6 20		SEPT. .	7 18 1	7 15 12
	AUG. .	12 14 7	12 19 19		OCT. .	7 6 45	7 9 9
	SEPT. .	11 2 51	11 5 33		NOV. .	{ 5 19 29	6 2 39
	OCT. .	10 15 35	10 15 50		○	{ 20 13 51	20 4 13
	NOV. .	9 4 19	9 2 22		DEC. .	5 8 13	5 18 37
	DEC. .	8 17 3	8 13 19				
439. E.	JAN. .	{ 7 5 48	7 0 49	436. A.	JAN. .	3 20 58	4 8 27
	○	{ 22 0 10	22 13 0		FEB. .	2 9 42	2 19 57
	FEB. .	5 18 32	5 12 54	26 12 40	MAR. .	3 22 23	4 5 23
	MAR. .	7 7 16	7 1 49		APRIL	2 11 10	2 13 20
	APRIL	5 20 0	5 15 44		MAY ○	{ 1 23 54	1 20 40
	MAY .	5 8 41	5 6 34			{ 16 18 16	17 2 42
	JUNE .	3 21 28	3 21 56			{ 31 12 38	31 4 21
	JULY .	{ 3 10 12	3 13 10		JUNE .	30 1 22	29 13 30
	○	{ 18 4 34	17 19 8		JULY .	23 14 6	29 1 6
	AUG. .	{ 1 22 56	2 3 43		AUG. .	23 2 50	27 15 34
		{ 31 11 40	31 17 18		SEPT. .	26 15 34	26 8 44
	SEPT. .	30 0 24	30 5 54		OCT. .	26 4 18	26 3 36
	OCT. .	29 13 8	29 17 46		○	{ 9 22 40	9 18 0
	NOV. .	28 1 52	28 5 3		NOV. .	{ 24 17 2	24 22 43
	DEC. .	27 14 36	27 15 51		DEC. .	24 5 46	24 16 30
438. D.	○	{ 11 8 58	11 15 11	435. G.	JAN. .	22 18 30	23 7 50
	JAN. .	{ 26 3 21	26 2 14		FEB. .	21 7 14	21 20 15
	FEB. .	24 16 5	24 12 25	26 18 29	MAR. .	22 19 58	23 6 1
	MAR. .	26 4 49	25 22 55		APRIL	21 8 42	21 13 43
	APRIL	24 17 33	24 10 21		○	{ 6 3 4	6 4 2
	MAY .	24 6 17	23 23 16		MAY .	{ 20 21 26	20 20 33
	JUNE .	22 19 1	22 13 48		JUNE .	19 10 10	19 3 25
	○	{ 7 13 23	7 11 57		JULY .	18 22 54	18 11 29
	JULY .	{ 22 7 45	22 5 33		AUG. .	17 11 38	16 21 46
	AUG. .	20 20 29	20 21 51		SEPT. .	16 0 22	15 11 0
	SEPT. .	19 9 13	19 13 54		OCT. .	{ 15 13 6	15 3 17
	OCT. .	18 21 57	19 5 2		○	{ 30 7 28	30 9 46
	NOV. .	17 10 41	17 18 54		NOV. .	14 1 50	13 21 57
	DEC. .	16 23 25	17 7 18		DEC. .	13 14 34	13 17 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 434. F. March. <i>d. h. m.</i> 27 0 17		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 431. B. March. <i>d. h. m.</i> 26 17 44		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	12 3 19	12 12 25		JAN. .	8 18 29	8 11 27
	FEB. .	10 16 3	11 5 4		FEB. .	7 7 13	7 2 9
	MAR. .	12 4 47	12 18 42		○	22 1 35	22 12 55
	APRIL	10 17 31	11 5 21		MAR. .	8 19 57	8 17 47
	MAY .	10 6 15	10 13 39		APRIL	7 8 41	7 9 51
	JUNE .	8 18 59	8 20 38		MAY .	6 21 25	7 1 39
	JULY .	8 7 43	8 3 25		JUNE .	5 10 9	5 16 24
	AUG. .	6 20 27	6 11 6		JULY .	4 22 53	5 5 45
	SEPT. .	5 9 11	4 20 36		AUG. .	3 11 37	3 17 39
	OCT. .	4 21 55	4 8 41		○	18 5 59	17 16 12
	NOV. .	3 10 39	2 23 36		SEPT. .	2 0 21	2 4 31
	DEC. .	2 23 23	2 17 1		○	1 13 5	1 14 59
					OCT. .	31 1 49	31 1 28
					NOV. .	29 14 33	29 12 15
					DEC. .	29 3 17	28 23 23
433. E.D.	JAN. .	1 12 8	1 11 55				
	FEB. .	31 0 52	31 6 46	430. A.	JAN. .	27 16 2	27 10 57
	○	15 7 58	15 4 48		FEB. .	23 4 46	25 23 8
26 6 6	MAR. .	30 2 20	30 14 58	26 23 33	MAR. .	27 17 30	27 12 13
	APRIL	28 15 4	29 2 58		APRIL	26 6 14	26 2 24
	MAY .	28 3 48	28 12 30		MAY .	25 18 58	25 17 27
	JUNE .	26 16 32	26 20 26		JUNE .	24 7 42	24 8 51
	JULY .	26 5 16	26 3 54		JULY .	23 20 26	24 0 0
	AUG. .	24 18 0	24 11 53		AUG. .	22 9 10	22 14 21
	SEPT. .	23 6 44	22 21 13		SEPT. .	20 21 54	21 3 44
	OCT. .	22 19 28	22 8 27		OCT. .	20 10 33	20 16 12
	NOV. .	21 8 12	20 21 54		NOV. .	18 23 22	19 3 55
	DEC. .	20 20 56	20 13 26		DEC. .	18 12 6	18 14 59
432. C.	JAN. .	19 9 40	19 6 31	429. G.F.	○	2 6 28	2 9 33
	FEB. .	17 22 24	18 0 13		JAN. .	17 0 50	17 1 26
	○	4 16 46	4 20 55	26 5 22	FEB. .	15 13 34	15 11 27
23 11 55	MAR. .	19 11 8	19 17 26		MAR. .	16 2 18	15 21 23
	APRIL	17 23 52	18 9 6		APRIL	14 15 2	14 8 3
	MAY .	17 12 36	17 22 36		MAY .	14 3 46	13 19 59
	JUNE .	16 1 20	16 9 55		JUNE .	12 16 30	12 9 36
	JULY .	15 14 4	15 19 33		○	27 10 52	27 12 13
	AUG. .	14 2 48	14 4 25		JULY .	12 5 14	12 0 50
	○	28 21 10	28 12 31		AUG. .	10 17 58	10 17 8
	SEPT. .	12 15 32	12 13 21		SEPT. .	9 6 42	9 9 39
	OCT. .	12 4 16	11 23 2		OCT. .	8 19 26	9 1 37
	NOV. .	10 17 0	10 9 51		NOV. .	7 8 10	7 16 24
	DEC. .	10 5 44	9 21 59		DEC. .	6 20 54	7 5 41
					○	21 15 16	21 9 28

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 428. E. March. <i>d. h. m.</i> 26 11 10		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 425. B.A. March. <i>d. h. m.</i> 26 4 37		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	5 9 39	5 17 22		JAN. .	3 0 49	3 7 8
	FEB. .	3 22 23	4 3 31		FEB. .	1 13 33	2 0 59
	MAR. .	5 11 7	5 12 29		MAR. .	{ 2 2 17	2 16 5
	APRIL	3 23 51	3 20 49			{ 31 15 1	{ 1 4 7
	MAY .	3 12 35	3 5 25			{ 15 9 23	{ 15 2 51
	JUNE .	{ 2 1 19	1 15 13		○	{ 30 3 45	{ 30 13 25
	○	{ 16 19 41	17 3 30		APRIL	29 16 29	29 20 57
		{ 1 14 3	1 3 6		MAY .	28 5 13	28 3 45
	JULY .	{ 31 2 47	30 17 27		JUNE .	27 17 57	27 10 58
	AUG. .	29 15 31	29 10 1		JULY .	26 6 41	25 19 35
	SEPT. .	23 4 15	23 3 57		AUG. .	24 19 25	24 6 24
	OCT. .	27 16 59	27 22 3		○	{ 9 13 47	9 20 26
	NOV. .	26 5 43	26 15 3		OCT. .	{ 24 8 9	23 19 56
	○	{ 11 0 5	10 15 21		NOV. .	22 20 53	22 12 9
	DEC. .	{ 25 13 27	26 6 6		DEC. .	22 9 37	22 6 21
427 D. 26 16 59	JAN. .	24 7 12	24 18 43	424. G. 26 10 26	JAN. .	20 22 22	21 1 16
	FEB. .	22 19 56	23 5 1		FEB. .	19 11 6	19 19 23
	MAR. .	24 8 40	24 13 23		MAR. .	20 23 50	21 11 28
	APRIL	22 21 24	22 20 49		○	{ 4 13 12	4 13 14
	MAY .	22 10 8	22 4 4		APRIL	{ 19 12 34	20 0 51
	○	{ 6 4 30	6 12 40		MAY .	19 1 13	19 11 33
	JUNE .	{ 20 22 52	20 12 17		JUNE .	17 14 2	17 20 16
	JULY .	20 11 36	19 22 33		JULY .	17 2 46	17 3 58
	AUG. .	19 0 20	18 11 36		AUG. .	15 15 30	15 11 46
	SEPT. .	17 13 4	17 3 36		SEPT. .	{ 14 4 14	13 20 30
	OCT. .	17 1 43	16 21 55		○	{ 28 22 36	29 1 9
	NOV. .	15 14 32	15 17 13		OCT. .	13 16 58	13 6 51
	DEC. .	15 3 16	15 11 56		NOV. .	12 5 42	11 19 13
426. C. 26 22 48	JAN. .	13 16 0	14 4 36	423. F. 26 16 15	JAN. .	10 7 10	10 1 50
	FEB. .	12 4 44	12 18 26		FEB. .	8 19 54	8 19 7
	MAR. .	13 17 28	14 5 21		MAR. .	10 8 38	10 12 28
	APRIL	12 6 12	12 13 55		APRIL	8 21 22	9 4 54
	MAY .	11 18 56	11 20 58		MAY .	8 10 6	8 19 31
	JUNE .	10 7 40	10 3 38		JUNE .	6 22 50	7 7 59
	JULY .	9 20 24	9 10 58		JULY .	6 11 34	6 18 32
	AUG. .	8 9 8	7 20 5		AUG. .	5 0 18	5 3 54
	SEPT. .	6 21 52	6 7 53		SEPT. .	3 13 2	3 12 55
	OCT. .	{ 6 10 36	5 22 44		OCT. .	3 1 46	2 22 22
	○	{ 21 4 58	21 8 39		NOV. .	1 14 30	{ 1 8 42
	NOV. .	4 23 20	4 16 24		DEC. .	{ 1 3 14	{ 30 20 11
	DEC. .	4 12 4	4 11 43			{ 30 15 58	30 8 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 422. E. March. d. h. m. 26 22 3		d. h. m.	d. h. m.	B.C. 419. A. March. d. h. m. 26 15 30		d. h. m.	d. h. m.
	JAN. .	29 4 43	28 22 40		JAN. .	25 19 53	26 2 55
	○	12 23 5	13 11 44		FEB. .	24 8 37	24 12 15
	FEB. .	27 17 27	27 13 33		MAR. .	25 21 21	25 20 36
	MAR. .	29 6 11	29 5 15		APRIL	24 10 5	24 4 44
	APRIL	27 18 55	27 21 6		MAY .	23 22 49	23 13 39
	MAY .	27 7 39	27 12 27		JUNE .	22 11 33	22 0 20
	JUNE .	25 20 23	26 2 39		JULY .	22 0 17	21 13 25
	JULY .	25 9 7	25 15 27		AUG. .	20 13 1	20 5 2
	○	9 3 29	8 13 45		SEPT. .	19 1 45	18 22 35
	AUG. .	23 21 51	24 3 4		OCT. .	18 14 29	18 16 59
	SEPT. .	22 10 35	22 13 57		NOV. .	17 3 13	17 10 53
	OCT. .	21 23 19	22 0 31		○	1 21 35	1 12 56
	NOV. .	20 12 3	20 11 19		DEC. .	16 15 57	17 3 5
	DEC. .	20 0 47	19 22 14				
421. D.C. 26 3 52	JAN. .	18 13 31	18 9 23	418. G. 26 21 19	JAN. .	15 4 41	15 16 57
	○	2 7 53	2 20 56		FEB. .	13 17 25	14 4 16
	FEB. .	17 2 15	16 20 57		MAR. .	15 6 9	15 13 24
	MAR. .	17 14 59	17 9 14		APRIL	13 18 53	13 21 2
	APRIL	16 3 43	15 22 37		MAY .	13 7 37	13 4 5
	MAY .	15 16 27	15 13 4		○	28 1 59	28 9 1
	JUNE .	14 5 11	14 4 22		JUNE .	11 20 21	11 11 37
	JULY .	13 17 55	13 19 50		JULY .	11 9 5	10 20 43
	○	28 12 17	28 2 46		AUG. .	9 21 49	9 8 20
	AUG. .	12 6 39	12 10 52		SEPT. .	8 10 33	7 22 58
	SEPT. .	10 19 23	11 1 3		OCT. .	7 23 17	7 16 22
	OCT. .	10 8 7	10 14 15		NOV. .	6 12 1	6 11 23
	NOV. .	8 20 51	9 2 31		○	21 6 23	21 2 55
	DEC. .	8 9 35	8 14 0		DEC. .	6 0 45	6 6 46
420. B. 23 9 41	JAN. .	6 22 20	7 0 42	417. F.E. 26 3 8	JAN. .	4 13 30	5 0 39
	○	21 16 42	21 22 53		FEB. .	3 2 14	3 15 55
	FEB. .	5 11 4	5 10 43		MAR. .	3 14 58	4 4 12
	MAR. .	6 23 48	6 20 24		APRIL	2 3 42	2 13 43
	APRIL	5 12 32	5 6 20		○	1 16 26	1 21 19
	MAY .	5 1 16	4 17 18		MAY ○	16 10 48	16 10 32
	JUNE .	3 14 0	3 5 54		○	31 5 10	31 4 0
	JULY .	3 2 44	2 20 20		JUNE .	29 17 54	29 10 53
	○	17 21 6	17 19 34		JULY .	29 6 33	23 19 3
	AUG. .	1 15 23	1 12 18		AUG. .	27 19 22	27 5 29
	○	31 4 12	31 5 2		SEPT. .	26 8 6	25 18 52
	SEPT. .	29 16 56	29 21 40		OCT. .	25 20 50	25 11 16
	OCT. .	29 5 40	29 13 21		○	9 15 12	9 18 38
	NOV. .	27 13 24	28 3 35		NOV. .	24 9 34	24 5 56
	DEC. .	27 7 8	27 16 6		DEC. .	23 22 18	24 1 28

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 416. D. March. d. h. m. 26 8 56		d. h. m.	d. h. m.	B.C. 413. A.G. March. d. h. m. 26 2 23		d. h. m.	d. h. m.
	JAN. .	22 11 3	22 20 13		JAN. .	20 2 13	19 19 46
	FEB. .	20 23 47	21 12 42		FEB. .	18 14 57	18 9 51
	MAR. .	22 12 31	23 2 12		O	{ 4 9 19	4 20 58
	APRIL	21 1 15	21 12 45		MAR. .	{ 19 3 41	19 0 54
	O	{ 5 19 37	5 12 43		APRIL	17 16 25	17 16 31
	MAY .	{ 20 13 59	20 21 2		MAY .	17 5 9	17 8 7
	JUNE .	19 2 43	19 4 5		JUNE .	15 17 53	15 23 0
	JULY .	18 15 27	18 11 4		JULY .	15 6 37	15 12 42
	AUG. .	17 4 11	16 19 1		AUG. .	{ 13 19 21	14 1 9
	SEPT. .	15 16 55	15 4 45		O	{ 28 13 43	27 23 45
	OCT. .	15 5 39	14 16 59		SEPT. .	12 8 5	12 12 36
	NOV. .	13 18 23	13 7 54		OCT. .	11 20 49	11 23 34
	DEC. .	13 7 7	13 1 8		NOV. .	10 9 33	10 10 21
					DEC. .	9 22 17	9 21 14
415. C. 26 14 45	JAN. .	11 19 51	11 19 42	412. F. 26 8 12	JAN. .	8 11 1	8 8 9
	FEB. .	10 8 33	10 14 13		FEB. .	6 23 43	6 19 13
	MAR. .	{ 11 21 19	12 7 18		MAR. .	8 12 29	8 6 48
	O	{ 26 15 41	26 12 31		APRIL	7 1 13	6 19 19
	APRIL	10 10 3	10 22 2		MAY .	6 13 57	6 9 2
	MAY .	9 22 47	10 10 1		JUNE .	5 2 41	4 23 52
	JUNE .	8 11 31	8 19 41		JULY .	4 15 23	4 15 24
	JULY .	8 0 15	8 3 54		AUG. .	3 4 9	3 6 55
	AUG. .	6 12 59	6 11 43		SEPT. .	1 16 53	1 21 51
	SEPT. .	5 1 43	4 20 4		OCT. .	{ 1 5 37	1 11 51
	OCT. .	4 14 27	4 5 42		NOV. .	{ 30 18 21	31 0 49
	NOV. .	3 3 11	2 17 6		DEC. .	29 7 5	29 12 49
	DEC. .	{ 2 15 55	2 6 27			28 19 49	28 23 53
		{ ...	31 21 39				
414. B. 26 20 34	JAN. .	{ 1 4 39	...	411. E. 26 14 1	O	{ 12 14 12	12 17 20
	FEB. .	{ 30 17 23	30 14 14		JAN. .	{ 27 8 34	27 10 5
		...	...		FEB. .	25 21 18	25 19 38
	MAR. O	{ 1 6 8	1 7 28		MAR. .	27 10 2	27 5 5
		{ 16 0 30	16 4 58		APRIL	25 22 46	25 15 13
	APRIL	{ 30 18 52	31 0 18		MAY .	25 11 30	25 2 45
		29 7 36	29 15 48		JUNE .	24 0 14	23 16 12
	MAY .	28 20 20	29 5 21		O	{ 8 18 36	8 19 46
	JUNE .	27 9 4	27 16 59		JULY .	{ 23 12 58	23 7 38
	JULY .	26 21 48	27 3 4		AUG. .	22 1 42	22 0 10
	AUG. .	25 10 32	25 12 21		SEPT. .	20 14 26	20 17 13
	O	{ 9 4 54	8 19 49		OCT. .	20 3 10	20 9 44
	SEPT. .	{ 23 23 16	23 21 47		NOV. .	18 15 54	19 0 57
	OCT. .	23 12 0	23 7 48		DEC. .	18 4 38	18 14 26
	NOV. .	22 0 44	21 18 45				
	DEC. .	21 13 28	21 6 43				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 410. D. March. d. h. m. 26 19 49		d. h. m.	d. h. m.	B.C. 407. G. March. d. h. m. 26 13 16		d. h. m.	d. h. m.
	○	{ 1 23 0	1 17 32		JAN. .	18 8 32	18 14 56
	JAN. .	{ 16 17 23	17 2 3		FEB. .	11 21 16	12 8 36
	FEB. .	15 6 7	15 11 56		MAR. .	13 10 0	13 23 33
	MAR. .	16 18 51	16 20 29		APRIL	{ 11 22 44	12 11 27
	APRIL	15 7 35	15 4 23		○	{ 26 17 6	26 9 49
	MAY .	14 20 19	14 12 40		MAY .	11 11 28	11 20 44
	JUNE .	{ 13 9 3	12 22 14		JUNE .	10 0 12	10 4 20
	○	{ 28 3 25	28 10 43		JULY .	9 12 56	9 11 19
	JULY .	12 21 47	12 10 0		AUG. .	8 1 40	7 18 47
	AUG. .	11 10 31	11 0 26		SEPT. .	6 14 24	6 3 39
	SEPT. .	9 23 15	9 17 17		OCT. .	{ 6 3 8	5 14 41
	OCT. .	9 11 59	9 11 36		○	{ 20 21 30	21 4 42
	NOV. .	8 0 43	8 6 6		NOV. .	4 15 52	4 4 17
	DEC. .	{ 7 13 27	7 23 25		DEC. .	4 4 36	3 20 23
	○	{ 22 7 49	21 23 57				
409. C.B. 23 1 33	JAN. .	6 2 11	6 14 34	406. F. 26 19 5	JAN. .	2 17 21	2 14 18
	FEB. .	4 14 55	5 3 5		FEB. .	1 6 5	1 8 49
	MAR. .	5 3 39	5 13 6		MAR. .	2 18 49	3 2 37
	APRIL	3 16 23	3 21 15		APRIL	{ 1 7 33	1 18 30
	MAY .	3 5 7	3 4 20		○	{ 16 1 55	15 20 43
	JUNE .	{ 1 17 51	{ 1 11 24		MAY .	{ 30 20 17	{ 1 7 50
	○	{ 16 12 13	{ 16 19 23		JUNE .	30 9 1	{ 30 18 39
	JULY .	{ 1 6 35	{ 30 19 33		JULY .	28 21 45	29 3 36
	AUG. .	{ 30 19 19	30 5 49		AUG. .	28 10 29	23 11 39
	SEPT. .	29 8 3	23 19 0		SEPT. .	26 23 13	26 19 49
	OCT. .	27 20 47	27 11 11		○	25 11 57	25 4 55
	NOV. .	27 9 31	27 5 42		OCT. .	{ 10 6 19	10 8 54
	DEC. .	25 22 15	26 1 12		○	{ 25 0 41	24 15 31
	DEC. .	25 10 59	25 20 1		NOV. .	23 13 25	23 3 53
					DEC. .	23 2 9	22 18 4
408. A. 26 7 27	JAN. .	23 23 44	24 12 41	405. E.D. 26 0 54	JAN. .	21 14 54	21 9 43
	FEB. .	22 12 28	23 2 22		FEB. .	20 3 33	20 2 33
	MAR. .	24 1 12	24 13 6		MAR. .	20 16 22	20 19 27
	APRIL	22 13 56	22 21 29		APRIL	19 5 6	19 11 35
	MAY .	22 2 40	22 4 23		MAY .	18 17 50	19 2 12
	JUNE .	20 15 24	20 11 7		JUNE .	17 6 34	17 14 52
	JULY .	20 4 8	19 13 32		JULY .	16 19 18	17 1 50
	AUG. .	18 16 52	18 3 43		AUG. .	15 8 2	15 11 40
	SEPT. .	17 5 36	16 15 45		SEPT. .	13 20 46	13 21 11
	OCT. .	{ 16 18 20	16 6 44		OCT. .	13 9 30	13 7 2
	○	{ 31 12 42	31 17 23		NOV. .	11 22 14	11 17 37
	NOV. .	15 7 4	15 0 24		DEC. .	11 10 53	11 5 2
	DEC. .	14 19 43	14 19 41				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 404. c. March. <i>d. h. m.</i> 26 6 42	JAN. .	<i>d. h. m.</i> 9 23 42	<i>d. h. m.</i> 9 17 21	B.C. 401. G.F. March. <i>d. h. m.</i> 26 0 9	JAN. .	<i>d. h. m.</i> 7 14 52	<i>d. h. m.</i> 8 0 49
	FEB. .	{ 8 12 26	8 6 38		FEB. .	6 3 36	6 11 24
	○	{ 23 6 43	23 19 47		MAR. .	6 16 20	6 20 22
	MAR. .	10 1 10	9 20 56		APRIL	5 5 4	5 4 20
	APRIL	8 13 54	8 12 3		MAY .	4 17 48	4 12 6
	MAY .	8 2 33	8 3 36		JUNE .	3 6 32	2 20 45
	JUNE .	6 15 22	6 18 55		JULY .	2 19 16	{ 2 7 16
	JULY .	6 4 6	6 9 23		AUG. .	{ 1 8 0	{ 31 20 23
	AUG. .	{ 4 16 50	4 22 41		SEPT. .	{ 30 20 44	30 12 11
	○	{ 19 11 12	18 21 19		OCT. .	29 9 28	29 6 5
	SEPT. .	3 5 34	3 10 54		NOV. .	28 22 12	29 0 52
	OCT. .	2 18 18	2 22 20		○	27 10 56	27 19 5
	NOV. .	{ 1 7 2	1 9 23		DEC. .	{ 12 5 18	11 21 40
	DEC. .	{ 30 19 46	30 20 18			{ 26 23 40	27 11 29
403. B.	JAN. .	28 21 15	28 17 53	400. E.	JAN. .	25 12 24	26 1 17
	○	{ 12 15 37	13 4 42		FEB. .	24 1 9	24 12 26
	FEB. .	{ 27 9 59	27 4 53	26 5 58	MAR. .	25 13 53	25 21 18
26 12 31	MAR. .	23 22 43	28 16 31		APRIL	24 2 37	24 4 39
	APRIL	27 11 27	27 5 25		MAY .	23 15 21	23 11 31
	MAY .	27 0 11	26 19 35		○	{ 7 9 43	7 15 55
	JUNE .	25 12 55	25 10 50		JUNE .	{ 22 4 5	21 18 56
	JULY .	25 1 39	25 2 35		JULY .	21 16 49	21 4 2
	○	{ 8 20 1	8 10 33		AUG. .	20 5 33	19 15 45
	AUG. .	{ 23 14 23	23 18 8		SEPT. .	18 18 17	18 6 33
	SEPT. .	22 3 7	22 8 56		OCT. .	18 7 1	18 0 7
	OCT. .	21 15 51	21 22 42		NOV. .	16 19 45	16 19 24
	NOV. .	20 4 35	20 11 21		○	{ 1 14 7	1 11 54
	DEC. .	19 17 19	19 22 55		DEC. .	{ 16 8 29	16 14 43
402. A.	JAN. .	18 6 4	18 9 27	399. D.	JAN. .	14 21 14	15 8 41
	○	{ 2 0 26	2 6 23		FEB. .	13 9 58	13 23 52
	FEB. .	{ 16 18 48	16 19 4	26 11 47	MAR. .	14 22 42	15 11 53
26 18 20	MAR. .	18 7 32	18 4 15		APRIL	13 11 26	13 21 19
	APRIL	16 20 16	16 13 41		MAY .	{ 18 0 10	13 4 49
	MAY .	16 9 0	16 0 14		○	{ 27 18 32	27 16 53
	JUNE .	14 21 44	14 12 34		JUNE .	11 12 54	11 11 19
	JULY .	{ 14 10 28	14 2 59		JULY .	11 1 38	10 18 26
	○	{ 29 4 50	29 3 19		AUG. .	9 14 22	9 2 44
	AUG. .	12 23 12	12 19 12		SEPT. .	8 3 6	7 13 22
	SEPT. .	11 11 56	11 12 23		OCT. .	7 15 50	7 2 53
	OCT. .	11 0 40	11 5 33		NOV. .	{ 6 4 34	5 19 20
	NOV. .	9 13 24	9 21 45		○	{ 20 22 56	21 3 33
	DEC. .	9 2 8	9 12 16		DEC. .	5 17 18	5 13 57

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 398. c. March. d. h. m. 26 17 35	JAN. .	d. h. m. 4 6 2	d. h. m. 4 9 21	B.C. 395. r. March. d. h. m. 26 11 2	JAN. .	d. h. m. 80 9 56	d. h. m. 80 3 58
	FEB. .	2 18 46	3 3 52		FEB. .	28 22 40	28 17 27
	MAR. .	4 7 30	4 20 10		○	{ 15 17 2	16 4 50
	APRIL	2 20 14	3 9 31		MAR. .	{ 30 11 24	30 7 54
		{ 2 8 58	2 20 1		APRIL	29 0 8	28 23 6
	MAY ○	{ 17 3 20	16 19 27		MAY .	28 12 52	28 14 33
		{ 31 21 42	{ 1 4 22		JUNE .	27 1 36	27 5 36
	JUNE .	80 10 26	{ 30 11 33		JULY .	26 14 20	26 19 44
	JULY .	29 23 10	29 18 48		AUG. .	25 3 4	25 8 44
	AUG. .	28 11 54	28 3 1		○	{ 8 21 26	8 7 28
	SEPT. .	27 0 38	26 18 3		SEPT. .	{ 28 15 48	23 20 48
	OCT. .	26 13 22	26 1 24		OCT. .	23 4 32	23 8 15
	NOV. .	25 2 6	24 16 15		NOV. .	21 17 16	21 19 20
	DEC. .	24 14 50	24 9 13		DEC. .	21 6 0	21 6 9
397. B.A. 25 23 21	JAN. .	23 3 35	23 3 26	394. E. 26 16 51	JAN. .	19 18 45	19 16 47
	FEB. .	21 16 19	21 21 33		FEB. .	18 7 29	18 3 23
	MAR. .	22 5 3	22 14 21		MAR. .	19 20 13	19 14 21
	○	{ 5 23 25	5 20 14		APRIL	18 8 57	18 2 21
	APRIL	{ 20 17 47	21 4 57		MAY .	17 21 41	17 15 33
	MAY .	20 6 31	20 17 0		JUNE .	16 10 25	16 6 21
	JUNE .	18 19 15	19 2 54		JULY .	15 23 9	15 22 1
	JULY .	18 7 59	18 11 27		AUG. .	14 11 53	14 13 57
	AUG. .	16 20 43	16 19 39		SEPT. .	13 0 37	13 5 29
	SEPT. .	15 9 27	15 4 24		OCT. .	12 13 21	12 20 4
	OCT. .	14 22 11	14 14 21		NOV. .	11 2 5	11 9 32
	NOV. .	13 10 55	13 1 51		DEC. .	10 14 49	10 21 44
	DEC. .	12 23 39	12 15 3				
393. G. 26 5 13	JAN. .	11 12 24	11 5 52	393. D.C. 25 22 40	JAN. .	{ 9 8 33	9 8 42
	FEB. .	10 1 8	9 21 54		○	{ 28 21 55	24 1 0
	MAR. .	{ 11 13 52	11 12 34		FEB. .	7 16 17	7 18 34
	○	{ 26 8 14	26 12 52		MAR. .	8 5 1	8 3 41
	APRIL	10 2 36	10 7 1		APRIL	6 17 45	6 12 39
	MAY .	9 15 20	9 22 25		MAY .	6 6 29	5 22 19
	JUNE .	8 4 4	8 12 9		JUNE .	4 19 13	4 9 31
	JULY .	7 16 48	8 0 6		JULY .	{ 4 7 57	3 22 52
	AUG. .	6 5 32	6 10 39		○	{ 19 2 19	19 3 21
	SEPT. .	{ 4 18 16	4 20 30		AUG. .	2 20 41	2 14 13
	○	{ 19 12 39	19 3 18		SEPT. .	{ 1 9 25	1 7 18
	OCT. .	4 7 0	4 6 20		○	{ 30 22 9	{ 1 0 52
	NOV. .	2 19 44	2 16 40		OCT. .	30 10 53	{ 30 17 54
	DEC. .	{ 2 8 28	2 3 40		NOV. .	23 23 37	29 9 30
		{ 31 21 12	31 15 25		DEC. .	23 12 21	23 23 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 392. R. March. d. h. m. 26 4 28		d. h. m.	d. h. m.	B.C. 389. F.E. March. d. h. m. 25 21 55		d. h. m.	d. h. m.
	○	{ 12 6 43	12 1 33		JAN. .	24 16 16	24 22 38
	JAN. .	{ 27 1 6	27 10 36		FEB. .	23 5 0	23 16 4
	FEB. .	25 13 50	25 20 11		MAR. .	23 17 44	24 6 52
	MAR. .	27 2 34	27 4 22		APRIL	22 6 28	22 18 42
	APRIL	25 15 18	25 11 56		○	{ 7 0 50	6 16 46
	MAY .	25 4 2	24 19 52		MAY .	{ 21 19 12	22 4 1
	JUNE .	23 16 46	23 5 15		JUNE .	20 7 56	20 11 44
	○	{ 8 11 8	8 17 58		JULY .	19 20 40	19 18 58
	JULY .	{ 23 5 30	22 17 0		AUG. .	18 9 24	18 2 43
	AUG. .	21 18 14	21 7 38		SEPT. .	16 22 8	16 11 54
	SEPT. .	20 6 58	20 0 39		OCT. .	{ 16 10 52	15 23 9
	OCT. .	19 19 42	19 19 21		○	{ 31 5 14	31 13 3
	NOV. .	18 8 26	18 14 11		NOV. .	14 23 36	14 12 46
	DEC. .	17 21 10	18 7 43		DEC. .	14 12 20	14 4 39
391. A.	○	{ 1 15 33	1 8 30	388. D.	JAN. .	13 1 5	12 22 11
	JAN. .	{ 16 9 55	16 22 55		FEB. .	11 13 49	11 16 17
	FEB. .	14 22 39	15 11 17	26 3 44	MAR. .	13 2 33	13 9 43
26 10 17	MAR. .	16 11 23	16 21 4		APRIL	{ 11 15 17	12 1 24
	APRIL	15 0 7	15 4 57		○	{ 26 9 39	26 4 8
	MAY .	14 12 51	14 11 49		MAY .	11 4 1	11 14 48
	JUNE .	{ 13 1 35	12 18 47		JUNE .	9 16 45	10 1 43
	○	{ 27 19 57	28 2 8		JULY .	9 5 29	9 10 59
	JULY .	12 14 19	12 2 54		AUG. .	7 13 13	7 19 26
	AUG. .	11 3 3	10 13 15		SEPT. .	6 6 57	6 4 3
	SEPT. .	9 15 47	9 2 35		OCT. .	{ 5 19 41	5 18 30
	OCT. .	9 4 31	8 13 55		○	{ 20 14 3	20 16 44
	NOV. .	7 17 15	7 13 35		NOV. .	4 8 25	4 0 18
	DEC. .	7 5 59	7 9 11		DEC. .	3 21 9	3 12 35
390. G.	JAN. .	5 18 43	6 4 1	387. C.	JAN. .	{ 2 9 53	2 2 27
26 16 6	FEB. .	4 7 27	4 20 35			{ 31 22 37	31 17 40
	MAR. .	5 20 11	6 10 8	26 9 33	FEB. .	...	...
	APRIL	4 8 55	4 20 43		MAR. .	2 11 21	2 9 49
	MAY .	3 21 39	4 4 58			{ 1 0 5	1 2 17
	JUNE .	2 10 23	2 11 54		APRIL ○	{ 15 18 27	15 20 25
	JULY .	{ 1 23 7	1 18 35			{ 30 12 49	30 13 11
		{ 31 11 51	31 2 11		MAY .	30 1 33	30 8 48
	AUG. .	30 0 35	29 11 39		JUNE .	28 14 17	28 21 47
	SEPT. .	28 13 19	27 23 47		JULY .	26 3 1	26 9 11
	OCT. .	23 2 3	27 14 51		AUG. .	26 15 45	26 19 34
	○	{ 11 20 25	12 2 11		SEPT. .	25 4 29	25 5 36
	NOV. .	{ 26 14 47	26 8 23		OCT. .	24 17 13	24 15 49
	DEC. .	26 3 31	26 3 36		NOV. .	23 5 57	23 2 33
					DEC. .	22 18 41	22 13 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 386.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 383.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March. d. h. m.	JAN. .	21 7 26	21 1 47	E. March. d. h. m.	JAN. .	17 22 35	18 9 24
26 15 21	FEB. .	19 20 10	19 14 30	26 8 48	FEB. .	16 11 20	16 19 46
	○	{ 6 14 32	7 3 42		MAR. .	18 0 4	18 4 24
	MAR. .	21 8 54	21 4 9		APRIL	16 12 48	16 11 59
	APRIL	19 21 38	19 18 47		MAY .	16 1 32	15 19 28
	MAY .	19 10 22	19 10 4		JUNE .	14 14 16	14 3 54
	JUNE .	17 28 6	18 1 25		JULY .	14 3 0	13 14 20
	JULY .	17 11 50	17 16 13		AUG. .	12 15 41	12 3 30
	AUG. .	{ 16 0 34	16 6 4		SEPT. .	11 4 28	10 19 31
	○	{ 30 18 56	30 5 2		OCT. .	10 17 12	10 13 42
	SEPT. .	14 13 18	14 18 52		NOV. .	9 5 56	9 8 49
	OCT. .	14 2 2	14 6 52		DEC. .	{ 8 18 40	9 3 18
	NOV. .	12 14 46	12 18 17		○	{ 23 13 2	23 6 22
	DEC. .	12 3 30	12 5 15				
385.	JAN. .	10 16 15	10 15 53	382.	JAN. .	7 7 24	7 19 48
A.G.	FEB. .	{ 9 4 59	9 2 15	D.	FEB. .	5 20 9	6 9 33
25 21 10	○	{ 23 23 21	24 12 20	26 14 37	MAR. .	7 8 53	7 20 27
	MAR. .	9 17 43	9 12 42		APRIL	5 21 37	6 5 3
	APRIL	8 6 27	7 23 49		MAY .	5 10 21	5 12 13
	MAY .	7 19 11	7 12 12		JUNE .	{ 3 23 5	3 18 55
	JUNE .	6 7 55	6 2 7		○	{ 18 17 27	18 22 31
	JULY .	5 20 39	5 17 23		JULY .	3 11 49	3 2 19
	AUG. .	{ 4 9 23	4 9 26		○	{ 2 0 33	1 11 29
	○	{ 19 3 45	18 18 28		AUG. .	{ 31 13 17	30 23 20
	SEPT. .	2 22 7	3 1 31		SEPT. .	30 2 1	29 14 17
	OCT. .	{ 2 10 51	2 16 55		OCT. .	29 14 45	29 8 0
	○	{ 31 23 35	1 7 13		NOV. .	28 3 29	28 3 23
	NOV. .	30 12 19	{ 30 20 11		○	{ 12 21 51	12 20 51
	DEC. .	30 1 3	30 7 46		DEC. .	{ 27 16 13	27 22 47
384.	JAN. .	23 13 47	23 18 3	381.	JAN. .	26 4 57	26 16 35
F.	○	{ 12 8 9	12 13 55	C.B.	FEB. .	24 17 41	25 7 38
26 2 59	FEB. .	{ 27 2 31	27 3 18	25 20 26	MAR. .	25 6 25	25 19 33
	MAR. .	23 15 15	23 12 0		APRIL	23 19 9	24 4 48
	APRIL	27 3 59	26 20 58		MAY .	23 7 53	23 12 13
	MAY .	26 16 43	26 7 9		○	{ 7 2 15	6 23 25
	JUNE .	25 5 27	21 19 18		JUNE .	{ 21 20 37	21 18 56
	JULY .	24 18 11	24 9 45		JULY .	21 9 21	21 2 3
	○	{ 8 12 33	8 11 8		AUG. .	19 22 5	19 10 31
	AUG. .	{ 23 6 55	23 2 12		SEPT. .	18 10 49	17 21 24
	SEPT. .	21 19 39	21 19 50		OCT. .	17 23 33	17 11 2
	OCT. .	21 8 23	21 13 31		NOV. .	16 12 17	16 3 29
	NOV. .	19 21 7	20 6 7		○	{ 1 6 39	1 12 27
	DEC. .	19 9 51	19 20 52		DEC. .	{ 16 1 1	15 21 56

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 380. A. March. d. h. m. 26 2 14		d. h. m.	d. h. m.	B.C. 377. E.D. March. d. h. m. 25 19 41		d. h. m.	d. h. m.
	JAN. .	14 13 45	14 17 5		JAN. .	12 4 56	12 0 2
	FEB. .	13 2 29	13 11 21		FEB. .	10 17 40	10 12 4
	MAR. .	14 15 14	15 3 28		MAR. .	{ 11 6 24	11 0 57
	APRIL	13 3 58	13 16 43		○	{ 26 0 46	26 12 34
	MAY .	{ 12 16 42	13 3 13		APRIL	9 19 8	9 14 49
	○	{ 27 11 4	27 2 14		MAY .	9 7 52	9 5 39
	JUNE .	11 5 26	11 11 41		JUNE .	7 20 36	7 21 0
	JULY .	10 18 10	10 19 8		JULY .	7 9 20	7 12 15
	AUG. .	9 6 54	9 2 40		AUG. .	5 22 4	6 2 50
	SEPT. .	7 19 38	7 11 12		SEPT. .	{ 4 10 43	4 16 27
	OCT. .	7 8 22	6 21 30		○	{ 19 5 10	13 15 22
	NOV. .	5 21 6	5 9 56		OCT. .	3 23 32	4 5 6
	DEC. .	5 9 50	5 0 40		NOV. .	2 12 16	2 17 0
					DEC. .	{ 2 1 0	2 4 18
						{ 31 13 44	31 15 3
379. G. 26 8 3	JAN. .	3 22 34	3 17 17	376. C. 26 1 30	JAN. .	30 2 23	30 1 20
	FEB. .	2 11 18	2 11 0		FEB. .	28 15 12	28 11 26
	MAR. .	4 0 2	4 4 43		MAR. .	30 3 56	29 21 52
	APRIL	2 12 46	2 21 14		APRIL	28 16 40	28 9 17
	MAY .	{ 2 1 30	2 11 45		MAY .	28 5 24	27 22 15
		{ 31 14 14	31 23 56		JUNE .	26 18 8	26 12 51
	JUNE .	30 2 58	30 10 7		JULY .	26 6 52	26 4 42
	JULY .	29 15 42	29 19 4		AUG. .	24 19 36	24 21 5
	AUG. .	28 4 26	28 3 42		SEPT. .	23 8 20	23 13 12
	SEPT. .	26 17 10	26 12 52		OCT. .	22 21 4	23 4 23
	OCT. .	26 5 54	25 23 5		NOV. .	21 9 48	21 18 13
	NOV. .	24 18 33	24 10 39		DEC. .	20 22 32	21 6 33
	DEC. .	24 7 22	23 23 37				
378. F. 26 13 52	JAN. .	22 20 7	22 13 57	375. B. 26 7 19	JAN. .	19 11 17	19 17 25
	FEB. .	21 8 51	21 5 25		○	{ 8 5 39	3 8 33
	MAR. .	22 21 35	22 21 33		FEB. .	{ 18 0 1	18 2 57
	○	{ 6 15 57	6 20 39		MAR. .	19 12 45	19 11 37
	APRIL	{ 21 10 19	21 13 38		APRIL	18 1 29	17 20 8
	MAY .	20 23 3	21 4 58		MAY .	17 14 13	17 5 24
	JUNE .	19 11 47	19 18 53		JUNE .	16 2 57	15 16 22
	JULY .	19 0 31	19 7 14		JULY .	{ 15 15 41	15 5 33
	AUG. .	17 13 15	17 18 19		○	{ 30 10 3	30 11 4
	SEPT. .	{ 16 1 59	16 4 42		AUG. .	14 4 23	13 21 15
	○	{ 30 20 21	30 10 53		SEPT. .	12 17 9	12 14 36
	OCT. .	15 14 43	15 15 1		OCT. .	12 5 53	12 8 33
	NOV. .	14 3 27	14 1 35		NOV. .	10 18 37	11 2 8
	DEC. .	13 16 11	13 12 35		DEC. .	10 7 21	10 18 2

JERUSALEM CIVIL TIME.

Mean Vernal Equinox	Month.	Mean New Moon. () Full E. ()	True New Moon. () Full E. ()	Mean Vernal Equinox.	Month.	Mean New Moon. () Full E. ()	True New Moon. () Full E. ()
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
374.	JAN. .	{ 8 20 5	9 7 42	371.	JAN. .	5 11 16	5 11 27
A.	○	{ 23 14 27	23 9 30	D.	FEB. .	4 0 0	4 6 12
March.	FEB. .	7 8 50	7 19 8	March.	MAR. .	5 12 44	5 23 23
<i>d. h. m.</i>	MAR. .	8 21 34	9 4 19	<i>d. h. m.</i>	APRIL .	4 1 28	4 14 2
26 13 7	APRIL .	7 10 18	7 12 9	26 6 34	MAY .	{ 8 14 12	4 1 51
	MAY .	6 23 2	6 19 23		○	{ 18 8 31	17 23 41
	JUNE .	5 11 40	5 8 7		JUNE .	2 2 56	2 11 15
	JULY .	{ 5 0 30	4 12 24		JULY .	{ 1 15 40	1 19 12
	○	{ 19 18 52	20 1 17		○	{ 31 4 21	31 2 44
	AUG. .	8 13 14	8 0 9		AUG. .	29 17 8	29 10 50
	SEPT. .	2 1 58	1 14 51		SEPT. .	28 5 52	27 20 19
	OCT. .	{ 1 14 42	1 8 11		OCT. .	27 18 30	27 7 43
	○	{ 31 8 26	31 8 11		○	{ 11 12 58	11 21 28
	NOV. .	20 16 10	20 22 18		NOV. .	{ 26 7 20	25 21 18
	DEC. .	29 4 54	29 15 58		DEC. .	25 20 4	25 12 55
	○	{ 12 23 16	12 16 59				
373.	JAN. .	{ 27 17 34	28 7 0	370.	JAN. .	24 8 48	24 5 58
G.Y.	FEB. .	26 6 22	26 19 19	C.	FEB. .	22 21 32	22 23 31
25 18 56	MAR. .	26 19 0	27 4 52	26 12 23	MAR. .	21 10 16	24 10 34
	APRIL .	25 7 59	25 12 31		APRIL .	22 23 0	23 8 10
	MAY .	24 20 34	24 19 15		○	{ 7 17 23	7 11 29
	JUNE .	23 9 18	23 2 10		MAY .	{ 22 11 41	22 21 32
	○	{ 8 8 40	8 8 54		JUNE .	21 0 24	21 8 46
	JULY .	{ 22 22 2	22 10 21		JULY .	20 13 12	20 18 25
	AUG. .	21 10 46	21 20 50		AUG. .	19 1 56	19 8 21
	SEPT. .	19 23 30	19 10 18		SEPT. .	17 14 40	17 12 23
	OCT. .	19 12 14	19 2 48		OCT. .	{ 17 8 24	16 22 11
	NOV. .	18 0 58	17 21 33		○	{ 31 21 46	{ 1 0 39
	DEC. .	17 13 42	17 17 9		NOV. .	15 13 8	{ 15 9 7
					DEC. .	15 4 52	14 21 19
372.	JAN. .	16 2 27	16 11 54	369.	JAN. .	13 17 37	13 10 48
K.	FEB. .	14 15 11	15 4 21	M.A.	FEB. .	12 6 21	12 1 26
25 0 45	MAR. .	16 8 55	16 17 45	25 18 12	MAR. .	12 19 5	12 17 0
	APRIL .	14 16 39	15 4 12		APRIL .	{ 11 7 40	11 9 1
	MAY .	14 5 23	14 12 23		○	{ 26 3 11	26 4 1
	JUNE .	12 18 7	12 19 20		MAY .	10 20 33	11 0 42
	JULY .	12 6 51	12 2 11		JUNE .	9 9 17	9 15 25
	AUG. .	10 19 35	10 9 50		JULY .	8 22 1	9 4 43
	SEPT. .	9 8 19	8 19 41		AUG. .	7 10 45	7 16 39
	OCT. .	8 21 3	8 7 50		SEPT. .	5 23 29	6 8 36
	NOV. .	{ 7 9 47	6 23 5		OCT. .	5 12 13	5 14 7
	○	{ 22 4 9	22 11 0		NOV. .	4 0 57	4 0 42
	DEC. .	6 22 31	6 16 35		DEC. .	3 13 41	3 11 31

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 368. G. March.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 365. D.C. March. <i>d. h. m.</i> 25 17 27		<i>d. h. m.</i>	<i>d. h. m.</i>
<i>d. h. m.</i> 26 0 0	JAN. .	{ 2 2 25	1 22 37		JAN. .	29 6 19	29 17 52
	FEB. .	{ 31 15 9	31 10 7		FEB. .	27 19 3	28 3 59
	MAR. ○	...	...		MAR. .	28 7 47	28 12 15
	APRIL	{ 2 3 53	1 22 13		APRIL	26 20 31	26 19 32
	MAY .	{ 16 22 15	17 11 26		MAY .	26 9 15	26 2 46
	JUNE .	{ 31 16 37	31 11 17		JUNE .	24 21 59	24 11 5
	JULY .	30 5 21	30 1 27		JULY .	24 10 43	23 21 30
	AUG. .	29 18 5	29 16 30		AUG. .	22 23 27	22 10 46
	SEPT. .	28 6 49	28 7 56		SEPT. .	21 12 11	21 3 0
	OCT. .	27 19 33	27 23 6		OCT. .	21 0 55	20 21 27
	NOV. .	26 8 17	26 13 30		NOV. .	19 13 39	19 16 48
	DEC. .	24 21 1	25 2 56		DEC. .	19 2 23	19 11 26
367. F.				364. B.			
<i>d. h. m.</i> 26 5 49	JAN. .	20 23 58	21 0 35	<i>d. h. m.</i> 25 23 16	JAN. .	{ 2 20 45	2 15 2
	FEB. .	19 12 42	19 10 30		FEB. .	{ 17 15 8	18 3 58
	○	{ 6 7 4	6 19 46		MAR. .	16 3 52	16 17 35
	MAR. .	{ 21 1 26	20 20 24		APRIL	17 16 36	18 4 18
	APRIL	19 14 10	19 6 59		MAY .	16 5 20	16 12 41
	MAY .	19 2 54	18 18 56		JUNE .	15 18 4	15 19 40
	JUNE .	17 15 38	17 8 38		○	{ 14 6 48	14 2 20
	JULY .	17 4 22	16 23 59		JULY .	{ 29 1 10	29 5 8
	AUG. .	{ 15 17 6	15 16 23		AUG. .	13 19 32	13 9 47
	○	{ 30 11 28	30 2 31		SEPT. .	12 8 16	11 19 5
	SEPT. .	14 5 50	14 9 0		OCT. .	10 21 0	10 7 3
	OCT. .	13 18 34	14 1 0		NOV. .	10 9 44	9 22 10
	NOV. .	12 7 18	12 15 46		DEC. .	8 22 28	8 15 58
	DEC. .	11 20 2	12 4 58		○	{ 8 11 12	8 11 21
366. E.				363. A.			
<i>d. h. m.</i> 26 11 38	JAN. .	10 8 46	10 16 33	<i>d. h. m.</i> 26 5 5	JAN. .	6 23 57	7 6 41
	FEB. .	{ 8 21 30	9 2 33		FEB. .	5 12 41	6 0 20
	○	{ 23 15 52	23 21 13		MAR. .	7 1 25	7 15 13
	MAR. .	10 10 15	10 11 24		APRIL	5 14 9	6 3 2
	APRIL	8 22 59	8 19 39		MAY .	5 2 53	5 12 12
	MAY .	8 11 43	8 4 13		JUNE .	{ 3 15 37	3 19 38
	JUNE .	7 0 27	6 14 6		○	{ 18 9 59	18 5 53
	JULY .	6 13 11	6 2 7		JULY .	3 4 21	3 2 29
	AUG. .	{ 5 1 55	4 16 37		AUG. .	{ 1 17 5	1 9 47
	○	{ 19 20 17	19 19 7		SEPT. .	{ 31 5 49	30 18 33
	SEPT. .	3 14 39	3 9 21		OCT. .	29 18 33	29 5 35
	OCT. .	3 3 23	3 3 26		NOV. .	29 7 17	28 19 20
	NOV. .	1 16 7	1 21 34		DEC. .	27 20 1	27 11 42
	DEC. .	{ 1 4 51	1 14 32		○	{ 12 14 23	12 21 21
		{ 30 17 35	31 5 25		DEC. .	{ 27 8 45	27 5 55

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 362. G. March. d. h. m. 26 10 53		d. h. m.	d. h. m.	B.C. 359. C. March. d. h. m. 26 4 20		d. h. m.	d. h. m.
	JAN. .	25 21 29	26 0 44		JAN. .	22 12 39	22 8 34
	FEB. .	24 10 13	24 18 43		FEB. .	21 1 23	20 20 4
	MAR. .	25 22 57	26 10 37		MAR. .	22 14 7	22 8 18
	APRIL	24 11 41	24 23 47		○	{ 6 8 29	6 20 8
	MAY .	24 0 25	24 10 21		APRIL	{ 21 2 51	20 21 39
	○	{ 7 13 47	7 9 0		MAY .	20 15 35	20 12 8
	JUNE .	{ 22 13 9	22 19 1		JUNE .	19 4 19	19 3 26
	JULY .	22 1 53	22 2 46		JULY .	18 17 3	18 18 56
	AUG. .	20 14 37	20 10 39		AUG. .	17 5 47	17 10 2
	SEPT. .	19 3 21	18 19 32		SEPT. .	{ 15 18 31	16 0 16
	OCT. .	18 16 5	18 6 3		○	{ 30 12 53	29 22 24
	NOV. .	17 4 49	16 18 33		OCT. .	15 7 15	15 13 30
	DEC. .	16 17 33	16 9 4		NOV. .	13 19 59	14 1 49
					DEC. .	13 8 43	13 13 14
361. F.E. 25 16 42	JAN. .	15 6 13	15 1 17	358. B. 26 10 9	JAN. .	11 21 28	11 23 52
	FEB. .	13 19 2	13 18 30		FEB. .	10 10 12	10 9 47
	MAR. .	14 7 46	14 11 46		MAR. .	11 22 56	11 19 21
	APRIL	12 20 30	13 4 2		APRIL	10 11 40	10 5 15
	MAY .	12 9 14	12 18 30		MAY .	10 0 24	9 16 13
	JUNE .	10 21 53	11 6 52		JUNE .	8 13 8	8 4 53
	JULY .	10 10 42	10 17 24		JULY .	8 1 52	7 19 26
	AUG. .	8 23 26	9 2 47		AUG. .	6 14 36	6 11 31
	SEPT. .	7 12 10	7 11 54		SEPT. .	{ 5 3 20	5 4 23
	OCT. .	7 0 54	6 21 28		○	{ 19 21 42	19 11 27
	NOV. .	5 13 38	5 7 56		OCT. .	4 16 4	4 21 3
	DEC. .	5 2 22	4 19 29		NOV. .	3 4 48	3 12 45
					DEC. .	2 17 32	3 2 56
360. D. 25 22 31	JAN. .	3 15 7	3 8 10	357. A.G. 25 15 53	JAN. .	{ 1 6 17	1 15 22
	FEB. .	2 3 51	1 21 53		○	{ 30 19 1	31 2 2
	MAR. .	3 16 35	3 12 49		FEB. .	29 7 45	29 11 13
	APRIL	{ 2 5 19	2 4 25		MAR. .	29 20 29	29 19 25
	○	{ 16 23 41	17 4 19		APRIL	28 9 13	28 8 32
	MAY .	{ 1 18 3	1 20 13		MAY .	27 21 57	27 12 29
		{ 31 6 47	31 11 29		JUNE .	26 10 41	25 23 15
	JUNE .	29 19 31	30 1 33		JULY .	25 23 25	25 12 31
	JULY .	29 8 15	29 14 27		○	{ 9 17 47	9 13 53
	AUG. .	27 20 59	28 2 6		AUG. .	{ 24 12 9	24 4 19
	SEPT. .	26 9 43	26 13 3		SEPT. .	23 0 53	22 22 2
	○	{ 11 4 5	10 13 40		OCT. .	22 13 37	22 16 30
	OCT. .	{ 25 22 27	25 23 47		NOV. .	21 2 21	21 10 24
	NOV. .	24 11 11	24 10 34		DEC. .	20 15 5	21 2 30
	DEC. .	23 23 55	23 21 23				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 356. F. March. d. h. m. 25 21 46	JAN. .	d. h. m. 19 3 49	d. h. m. 19 16 11	B.C. 353. C.B. March. d. h. m. 25 15 13	JAN. .	d. h. m. 16 18 59	d. h. m. 16 19 12
	O	{ 2 22 11	2 17 20		FEB. .	15 7 43	15 13 38
	FEB. .	{ 17 16 33	18 3 19		MAR. .	15 20 27	16 6 33
	MAR. .	19 5 17	19 12 16		APRIL	14 9 11	14 21 3
	APRIL	17 18 1	17 19 47		MAY .	{ 13 21 55	14 8 53
	MAY .	17 6 45	17 2 49		O	{ 28 16 17	28 6 35
	JUNE .	15 19 29	15 10 22		JUNE .	12 10 39	12 18 29
	JULY .	{ 15 8 13	14 19 37		JULY .	11 23 23	12 2 41
	O	{ 30 2 35	30 8 40		AUG. .	10 12 7	10 10 35
	AUG. .	13 20 57	13 7 26		SEPT. .	9 0 51	8 19 3
	SEPT. .	12 9 41	11 22 18		OCT. .	8 13 35	8 4 51
	OCT. .	11 22 25	11 15 52		NOV. .	{ 7 2 19	6 16 24
	NOV. .	10 11 9	10 11 4		O	{ 21 20 41	22 5 51
	DEC. .	9 23 53	10 6 21		DEC. .	6 15 3	6 5 51
355. E. 26 3 35	JAN. .	{ 8 12 38	9 0 6	352. A. 25 21 2	JAN. .	5 3 43	4 21 6
	O	{ 23 7 0	23 1 24		FEB. .	3 16 32	3 13 39
	FEB. .	7 1 22	7 15 10		MAR. .	5 5 16	5 6 46
	MAR. .	8 14 6	9 3 12		APRIL	3 18 0	3 23 28
	APRIL	7 2 50	7 12 33		MAY .	{ 3 6 44	3 14 51
	MAY .	6 15 34	6 20 2		O	{ 18 1 6	17 18 50
	JUNE .	5 4 18	5 2 42		JUNE .	1 19 28	2 4 21
	JULY .	{ 4 17 2	4 9 38		JULY .	{ 1 8 12	1 15 53
	O	{ 19 11 24	19 15 45		O	{ 30 20 56	31 1 58
	AUG. .	3 5 46	2 17 56		AUG. .	29 9 40	29 11 21
	SEPT. .	1 18 30	{ 1 4 35		SEPT. .	27 22 24	27 20 52
	O	{ 1 7 14	{ 30 18 12		OCT. .	27 11 8	27 7 0
	OCT. .	{ 30 19 58	30 10 47		O	{ 11 5 30	11 8 37
	NOV. .	29 8 42	29 5 33		NOV. .	{ 25 23 52	25 18 1
	DEC. .	23 21 26	29 1 4		DEC. .	25 12 36	25 6 1
354. D. 26 9 24	JAN. .	27 10 11	27 19 40	351. G. 26 2 51	JAN. .	24 1 20	23 19 2
	FEB. .	25 22 55	26 11 57		FEB. .	22 14 4	22 9 4
	MAR. .	27 11 39	28 1 13		MAR. .	24 2 48	24 0 4
	APRIL	26 0 23	26 11 34		APRIL	22 15 32	22 15 37
	MAY .	25 13 7	25 19 45		O	{ 7 9 54	7 11 33
	JUNE .	24 1 51	24 2 48		MAY .	{ 22 4 16	22 7 9
	JULY .	23 14 35	23 9 52		JUNE .	20 17 0	20 22 1
	AUG. .	22 3 19	21 17 55		JULY .	20 5 44	20 11 42
	SEPT. .	20 16 3	20 3 52		AUG. .	18 18 28	19 0 11
	OCT. .	20 4 47	19 16 18		SEPT. .	17 7 12	17 11 43
	NOV. .	18 17 31	18 7 23		OCT. .	16 19 56	16 22 45
	O	{ 3 11 53	3 19 50		NOV. .	15 8 40	15 9 37
	DEC. .	{ 13 6 15	13 0 41		DEC. .	14 21 24	14 20 28

JERUSALEM CIVIL TIME.

Mean Jurnal linox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
J.C. 50. F. arch. h. m. 8 39		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 347. B. March. <i>d. h. m.</i> 26 2 6		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	13 10 9	13 7 20		JAN. .	10 1 19	10 13 53
	FEB. .	11 22 53	11 18 20		FEB. .	8 14 3	9 2 11
	MAR. .	13 11 37	13 5 51		MAR. .	10 2 47	10 12 2
	○	28 5 59	28 19 2		APRIL	8 15 31	8 20 1
	APRIL	12 0 21	11 18 20		MAY .	8 4 15	8 3 3
	MAY .	11 13 5	11 8 3		JUNE .	6 16 59	6 10 7
	JUNE .	10 1 49	9 22 56		JULY .	6 5 43	5 18 22
	JULY .	9 14 33	9 14 30		AUG. .	4 18 27	4 4 50
	AUG. .	8 3 17	8 6 4		SEPT. .	3 7 11	2 18 13
	SEPT. .	6 16 1	6 21 4		OCT. .	2 19 55	2 10 37
	OCT. .	6 4 45	6 11 8		Nov. .	1 8 39	1 5 17
	NOV. .	4 17 29	5 0 8		DEC. .	30 21 23	1 0 49
	DEC. .	4 6 13	4 12 5			30 10 7	30 19 31
49. E.D.	JAN. .	2 18 58	2 23 6	346. A.	○	14 4 29	13 23 38
	FEB. .	1 7 42	1 9 10		JAN. .	28 22 52	29 12 0
		1 20 26	1 18 38		FEB. .	27 11 36	28 1 29
14 28	MAR. ○	16 14 48	17 3 3	26 7 55	MAR. .	29 0 20	29 12 1
		31 9 10	31 4 0		APRIL	27 13 4	27 20 14
	APRIL	29 21 54	29 14 6		MAY .	27 1 43	27 3 8
	MAY .	29 10 38	29 1 42		JUNE .	25 14 32	25 9 48
	JUNE .	27 23 22	27 15 14		○	10 8 54	10 11 47
	JULY .	27 12 6	27 6 41		JULY .	25 3 16	24 17 21
	AUG. .	26 0 50	25 23 23		AUG. .	23 16 0	23 2 43
	○	9 19 12	9 10 43		SEPT. .	22 4 44	21 14 59
	SEPT. .	24 13 34	24 16 37		OCT. .	21 17 23	21 6 10
	OCT. .	24 2 18	24 9 9		NOV. .	20 6 12	19 23 59
	NOV. .	22 15 2	23 0 21		DEC. .	19 18 56	19 19 17
	DEC. .	22 3 46	22 13 44				
48. C.	JAN. .	20 16 30	21 1 12	345. G.F.	○	3 13 18	3 14 40
	FEB. .	19 5 14	19 10 55		JAN. .	18 7 40	18 14 23
	○	5 23 36	6 4 23	25 13 44	FEB. .	16 20 21	17 7 56
20 17	MAR. .	20 17 58	20 19 20		MAR. .	17 9 8	17 22 39
	APRIL	19 6 42	19 3 12		APRIL	15 21 52	16 10 22
	MAY .	18 19 26	18 11 26		MAY .	15 10 36	15 19 31
	JUNE .	17 8 10	16 21 4		JUNE .	13 23 20	14 3 3
	JULY .	16 20 54	16 9 0		○	28 17 42	28 12 24
	AUG. .	15 9 38	14 23 38		JULY .	13 12 4	13 10 4
	○	30 4 0	30 3 11		AUG. .	12 0 43	11 17 38
	SEPT. .	13 22 22	13 16 39		SEPT. .	10 13 32	10 2 41
	OCT. .	13 11 6	13 11 6		OCT. .	10 2 16	9 13 56
	NOV. .	11 23 50	12 5 33		NOV. .	8 15 0	8 3 43
	DEC. .	11 12 34	11 22 54		DEC. .	8 3 44	7 19 54
					○	22 22 6	23 6 12

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 344.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 341.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	6 16 29	6 13 49	March.	JAN. .	4 7 39	4 6 17
<i>d. h. m.</i>	FEB. .	5 5 13	5 8 17	<i>d. h. m.</i>	FEB. .	2 20 23	2 17 1
25 19 32	MAR. .	6 17 57	7 1 54	25 12 59	MAR. .	3 9 7	3 8 56
	APRIL	5 6 41	5 17 37		APRIL	{ 1 21 51	1 15 35
	MAY .	4 19 25	5 6 46		○	{ 16 16 13	17 3 37
	JUNE .	{ 3 8 9	3 17 28		MAY .	{ 1 10 35	1 4 25
	○	{ 18 2 31	17 15 49			{ 30 23 19	30 18 38
	JULY .	2 20 53	3 2 22		JUNE .	29 12 3	29 9 56
	AUG. .	{ 1 9 37	1 10 29		JULY .	29 0 47	29 1 45
		{ 30 22 21	30 18 46		AUG. .	27 13 31	27 17 21
	SEPT. .	29 11 5	29 4 1		SEPT. .	26 2 15	26 8 12
	OCT. .	28 23 49	28 14 45		○	{ 10 20 37	10 7 37
	NOV. .	27 12 33	27 3 14		OCT. .	{ 25 14 59	25 22 0
	DEC. .	27 1 17	26 17 27		NOV. .	24 3 43	24 10 39
					DEC. .	23 16 27	23 22 10
343.	JAN. .	25 14 2	25 9 12	340.	JAN. .	22 5 11	22 8 38
D.	FEB. .	24 2 46	24 1 53	G.	FEB. .	20 17 55	20 18 4
26 1 21	MAR. .	25 15 30	25 13 41	25 18 48	MAR. .	22 6 39	22 3 9
	APRIL	24 4 14	24 10 42		APRIL	20 19 23	20 12 38
	MAY .	23 16 58	24 1 10		MAY .	20 8 7	19 23 6
	JUNE .	22 5 42	22 13 47		JUNE .	18 20 51	18 11 32
	JULY .	21 18 26	22 0 44		JULY .	18 9 35	18 2 6
	AUG. .	20 7 10	20 10 38		AUG. .	16 22 19	16 18 26
	SEPT. .	18 19 54	18 20 15		SEPT. .	{ 15 11 3	15 11 43
	OCT. .	18 8 38	18 6 13		○	{ 30 5 25	29 19 52
	NOV. .	16 21 22	16 16 51		OCT. .	14 23 47	15 4 59
	DEC. .	16 10 6	16 4 19		NOV. .	13 12 31	13 21 9
					DEC. .	13 1 15	13 11 37
342.	JAN. .	14 22 50	14 16 37	339.	JAN. .	11 14 0	12 0 0
C.	FEB. .	13 11 34	13 5 52	F.	FEB. .	10 2 44	10 10 27
26 7 10	MAR. .	15 0 18	14 20 6	26 0 37	MAR. .	11 15 28	11 19 17
	APRIL	{ 13 13 2	13 11 11		APRIL	10 4 12	10 8 7
	○	{ 23 7 24	23 11 54		MAY .	9 16 56	9 10 52
	MAY .	13 1 46	13 2 40		JUNE .	8 5 40	7 19 34
	JUNE .	11 14 30	11 17 58		JULY .	7 18 24	7 6 14
	JULY .	11 3 14	11 8 26		AUG. .	{ 6 7 8	5 19 31
	AUG. .	9 15 58	9 21 46		○	{ 21 1 22	21 2 40
	SEPT. .	8 4 42	8 10 0		SEPT. .	4 19 52	4 11 31
	OCT. .	{ 7 17 26	7 21 30		OCT. .	4 8 36	4 5 34
	○	{ 22 11 43	22 2 32		NOV. .	2 21 20	3 0 26
	NOV. .	6 6 10	6 8 38		DEC. .	{ 2 10 4	2 13 37
	DEC. .	5 18 54	5 19 31			{ 31 22 43	...

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 338. E. March.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 335. A. March. <i>d. h. m.</i> 25 23 52		<i>d. h. m.</i>	<i>d. h. m.</i>
<i>d. h. m.</i> 26 6 25	JAN. .	{ ... 30 11 32	1 10 53 31 0 30	JAN. .	27 2 43	27 2 54	
	FEB. .	{ ... 14 5 54	...	FEB. .	25 15 27	25 20 54	
	O	{ 1 0 17 30 13 1	1 11 26 30 20 8	MAR. .	27 4 11	27 13 32	
	MAR. .	29 1 45	29 3 24	APRIL	25 16 55	26 3 57	
	APRIL	28 14 29	28 10 13	MAY .	25 5 39	25 15 53	
	MAY .	27 3 13	26 17 43	O	{ 9 0 1 23 18 23	8 13 32 24 1 42	
	JUNE .	26 15 57	26 2 57	JUNE .	23 7 7	23 10 26	
	O	{ 10 10 19 25 4 41	10 16 9 24 14 54	JULY .	21 19 51	21 18 34	
	AUG. .	23 17 25	23 5 54	AUG. .	20 8 35	20 8 27	
	SEPT. .	23 6 9	22 23 40	SEPT. .	19 21 19	19 13 32	
	OCT. .	21 18 53	21 19 1	OCT. .	18 10 3	18 1 10	
	NOV. .	21 7 37	21 14 23	NOV. .	{ 3 4 25 17 22 47	3 14 16 17 14 25	
	DEC. .			DEC. .			
337. D.C.	JAN. .	19 20 21	20 8 5	334. G.	JAN. .	16 11 31	16 5 14
<i>d. h. m.</i> 25 12 14	O	{ 3 14 43 18 9 5	3 9 42 18 23 3	26 5 41	FEB. .	15 0 15	14 21 13
	FEB. .	18 21 49	19 10 56		MAR. .	16 12 59	16 13 49
	MAR. .	17 10 33	17 20 7		APRIL	15 1 43	15 6 9
	APRIL	16 23 17	17 3 29		MAY .	{ 14 14 27 29 8 49	14 21 26 29 2 9
	MAY .	15 12 1	15 10 9		O	{ 29 8 49 13 3 11	29 2 9 13 11 5
	JUNE .	{ 15 0 45 29 19 7	14 17 10 29 22 40		JUNE .	12 15 55	12 23 0
	O	18 13 29	18 1 39		JULY .	11 4 39	11 9 34
	AUG. .	12 2 13	11 12 30		AUG. .	9 17 23	9 19 30
	SEPT. .	11 14 57	11 2 14		SEPT. .	9 6 7	9 5 27
	OCT. .	10 3 41	9 18 51		OCT. .	{ 7 18 51 22 13 13	7 15 53 22 16 35
	NOV. .	9 16 25	9 13 32		NOV. .	7 7 35	7 2 56
	DEC. .				DEC. .		
336. B.	JAN. .	8 5 10	8 8 54	333. F.E.	JAN. .	5 20 20	5 14 41
<i>d. h. m.</i> 25 18 8	FEB. .	6 17 54	7 3 16	25 11 30	FEB. .	4 9 4	4 3 11
	MAR. .	6 19 22	7 8 30		MAR. .	4 21 43	4 16 36
	APRIL	6 8 6	6 13 49		APRIL	3 10 32	3 7 1
	MAY .	4 20 50	5 3 5		MAY .	{ 2 23 16 17 17 33	2 22 11 17 19 1
	JUNE .	4 9 34	4 10 13		O	{ 17 17 33 1 12 0	17 19 1 1 13 36
	AUG. .	2 22 18	2 17 37		JUNE .	1 12 0	1 13 36
	O	{ 1 11 2 30 23 46	1 2 0 30 12 12		JULY .	{ 1 0 44 30 18 28	1 4 40 30 18 47
	SEPT. .	30 12 30	30 0 45		AUG. .	29 2 12	29 7 51
	OCT. .	29 1 14	28 15 44		SEPT. .	27 14 56	27 19 53
	NOV. .	{ 13 19 36 23 13 58	14 4 39 23 8 45		OCT. .	27 3 40	27 7 29
	O				NOV. .	25 16 24	25 18 36
	DEC. .				DEC. .	25 5 8	25 5 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 332. D. March. d. h. m. 25 17 18		d. h. m.	d. h. m.	B.C. 329. A.G. March. d. h. m. 25 10 45		d. h. m.	d. h. m.
	JAN. .	23 17 53	23 15 56		JAN. .	21 9 3	21 22 13
	FEB. .	22 6 37	22 2 27		FEB. .	19 21 47	20 10 22
	MAR. .	23 19 21	23 13 23		MAR. .	20 10 31	20 19 57
	APRIL	22 8 5	22 1 19		APRIL	18 23 15	19 3 42
	MAY .	21 20 49	21 14 39		MAY .	18 11 59	18 10 32
	JUNE .	20 9 33	20 5 25		JUNE .	17 0 43	16 17 29
	JULY .	19 22 17	19 21 10		JULY .	16 13 27	16 1 45
	AUG. .	18 11 1	18 13 11		AUG. .	15 2 11	14 12 13
	SEPT. .	16 23 45	17 4 46		SEPT. .	13 14 55	13 1 50
	OCT. .	16 12 29	16 19 24		OCT. .	13 3 39	12 18 23
	NOV. .	15 1 13	15 8 50		NOV. .	11 16 23	11 13 12
	DEC. .	14 13 57	14 20 59		DEC. .	11 5 7	11 8 49
331. C. 25 23 7	JAN. .	13 2 41	13 7 52	328. F. 25 16 34	JAN. .	{ 9 17 51	10 3 31
	FEB. .	11 15 25	11 17 37		○	{ 24 12 13	24 8 9
	MAR. .	{ 13 4 9	13 2 37		FEB. .	8 6 35	8 19 53
	○	{ 27 22 31	28 10 10		MAR. .	9 19 19	10 9 12
	APRIL	11 16 53	11 11 30		APRIL	8 8 3	8 19 35
	MAY .	11 5 37	10 21 10		MAY .	7 20 47	8 3 42
	JUNE .	9 18 21	9 8 23		JUNE .	6 9 31	6 10 34
	JULY .	9 7 5	8 21 55		JULY .	{ 5 22 15	5 17 19
	AUG. .	7 19 49	7 13 31		○	{ 20 16 37	20 18 31
	SEPT. .	{ 6 8 33	6 6 39		AUG. .	4 10 59	4 1 3
	○	{ 21 2 55	20 19 4		SEPT. .	2 23 43	2 10 42
	OCT. .	5 21 17	6 0 18		OCT. .	2 12 27	{ 1 23 2
	NOV. .	4 10 1	4 17 22		NOV. .	{ 1 1 11	{ 31 14 18
	DEC. .	3 22 45	4 8 54		DEC. .	{ 30 13 55	30 8 3
						30 2 39	30 3 11
330. B. 26 4 56	JAN. .	2 11 30	2 22 54	327. E. 25 22 23	○	{ 13 21 2	13 23 26
	FEB. .	1 0 14	1 9 43		JAN. .	{ 28 15 24	28 22 7
	MAR. .	{ 2 12 58	2 19 9		FEB. .	27 4 8	27 15 22
	○	{ 17 7 20	17 11 23		MAR. .	23 16 52	29 5 55
	APRIL	{ 1 1 42	1 3 11		APRIL	27 5 36	27 17 35
	MAY .	{ 30 14 26	30 10 41		MAY .	26 18 20	27 2 47
	JUNE .	23 15 54	23 4 7		JUNE .	25 7 4	25 10 28
	JULY .	23 4 33	27 16 4		○	{ 10 1 26	9 19 0
	AUG. .	26 17 22	26 6 48		JULY .	{ 24 19 48	24 17 45
	○	{ 10 11 44	10 11 26		AUG. .	23 8 32	23 1 39
	SEPT. .	{ 25 6 6	25 0 5		SEPT. .	21 21 16	21 11 0
	OCT. .	24 18 50	24 18 54		OCT. .	21 10 0	20 22 25
	NOV. .	23 7 34	23 13 45		NOV. .	19 22 44	19 12 11
	DEC. .	22 20 18	23 7 12		DEC. .	19 11 28	19 4 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 326. D. March. d. h. m. 26 4 11		d. h. m.	d. h. m.	B.C. 323. G. March. d. h. m. 25 21 38		d. h. m.	d. h. m.
	○	{ 3 5 50	3 14 58		JAN. .	14 15 22	14 15 2
	JAN. .	{ 18 0 12	17 21 40		FEB. .	13 4 6	13 1 19
	FEB. .	16 12 56	16 15 40		MAR. .	14 16 50	14 11 41
	MAR. .	18 1 40	18 8 57		APRIL	{ 13 5 34	12 22 46
	APRIL	16 14 24	17 0 27		○	{ 27 23 56	28 10 57
	MAY .	16 3 8	16 13 38		MAY .	12 18 18	12 11 9
	JUNE .	{ 14 15 52	15 0 33		JUNE .	11 7 2	11 1 8
	○	{ 29 10 14	28 22 43		JULY .	10 19 46	10 16 29
	JULY .	14 4 36	14 9 48		AUG. .	9 8 30	9 8 37
	AUG. .	12 17 20	12 18 18		SEPT. .	7 21 14	8 0 47
	SEPT. .	11 6 4	11 3 1		OCT. .	{ 7 9 58	7 16 15
	OCT. .	10 18 48	10 12 37		○	{ 22 4 20	21 15 57
	NOV. .	9 7 32	8 23 32		NOV. .	5 22 42	6 6 32
	DEC. .	8 20 16	8 11 55		DEC. .	5 11 26	5 19 29
325. C.B. 25 10 0	JAN. .	7 9 1	7 1 49	322. F. 26 3 27	JAN. .	4 0 11	4 6 59
	FEB. .	5 21 45	5 17 0		FEB. .	2 12 55	2 17 9
	MAR. .	6 10 29	6 9 6		MAR. .	4 1 39	4 2 15
	APRIL	4 23 13	5 1 26		APRIL	2 14 23	2 10 51
	MAY .	4 11 57	4 17 15		MAY .	{ 2 3 7	1 19 48
	JUNE .	3 0 41	3 7 48			{ 31 15 51	31 6 1
	JULY .	2 13 25	2 20 43		JUNE .	30 4 35	29 18 18
	AUG. .	{ 1 2 9	1 8 8		JULY .	29 17 19	29 8 53
		{ 30 14 53	30 18 31		AUG. .	28 6 3	28 1 31
	SEPT. .	29 3 37	29 4 41		SEPT. .	26 18 47	26 19 16
	OCT. .	28 16 21	28 15 1		○	{ 11 13 9	11 4 26
	NOV. .	27 5 5	27 1 47		OCT. .	{ 26 7 31	26 13 0
	DEC. .	26 17 49	26 13 6		NOV. .	24 20 15	25 5 35
324. A. 25 15 49	JAN. .	25 6 34	25 1 0	321. E.D. 25 9 16	DEC. .	24 8 59	24 20 13
	FEB. .	23 19 18	23 13 40		JAN. .	22 21 44	23 8 36
	MAR. .	25 8 2	25 3 17		FEB. .	21 10 28	21 18 47
	APRIL	23 20 46	23 17 52		MAR. .	21 23 12	22 3 15
	○	{ 8 15 8	8 19 25		APRIL	20 11 56	20 10 45
	MAY .	{ 23 9 30	23 9 8		MAY .	20 0 40	19 18 12
	JUNE .	21 22 14	22 0 29		JUNE .	18 13 24	18 2 42
	JULY .	21 10 58	21 15 18		JULY .	18 2 8	17 13 19
	AUG. .	19 23 42	20 5 10		AUG. .	{ 16 14 52	16 2 41
	SEPT. .	18 12 26	18 18 2		○	{ 31 9 14	31 10 52
	OCT. .	18 1 10	18 6 5		SEPT. .	15 3 36	14 18 54
	○	{ 1 19 32	1 10 32		OCT. .	14 16 20	14 13 14
	NOV. .	{ 16 13 54	16 17 31		NOV. .	13 5 4	13 8 25
	DEC. .	16 2 38	16 4 30		DEC. .	12 17 48	13 2 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 320. C. March. d. h. m. 25 15 4		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 317. G.F. March. d. h. m. 25 8 31		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	11 6 32	11 19 10		JAN. .	8 21 42	8 16 47
	FEB. .	{ 9 19 16	10 8 41		FEB. .	7 10 26	7 10 27
	○	24 13 38	24 8 41		MAR. .	7 23 10	8 4 1
	MAR. .	11 8 0	11 19 24		APRIL	6 11 54	6 20 24
	APRIL	9 20 44	10 3 50		MAY .	6 0 38	6 10 45
	MAY .	9 9 28	9 10 53		JUNE .	{ 4 13 22	4 22 49
	JUNE .	7 22 12	7 17 36		○	19 7 44	18 20 30
	JULY .	7 10 56	7 1 5		JULY .	4 2 6	4 8 57
	AUG. .	{ 5 23 40	5 10 25		AUG. .	2 14 50	2 17 55
	○	20 18 2	20 23 42		SEPT. .	{ 1 3 34	1 2 40
	SEPT. .	4 12 24	3 22 30		○	30 16 18	30 11 57
	OCT. .	4 1 8	3 13 40		OCT. .	30 5 2	29 22 18
	NOV. .	2 13 52	2 7 33		NOV. .	28 17 46	28 9 57
	DEC. .	{ 2 2 36	2 3 0		○	13 12 8	13 22 38
	○	31 15 20	31 22 20		DEC. .	28 6 30	27 22 57
319. B. 25 20 53	JAN. .	30 4 5	30 15 59	316. E. 25 14 20	JAN. .	26 19 15	26 13 17
	○	{ 13 22 27	13 17 53		FEB. .	25 7 59	25 4 42
	FEB. .	23 16 49	{ 1 6 47		MAR. .	26 20 43	26 20 45
	MAR. .	30 5 33	30 18 30		APRIL	25 9 27	25 12 47
	APRIL	28 18 17	29 3 35		MAY .	24 22 11	25 4 0
	MAY .	23 7 1	23 10 55		○	{ 8 16 33	8 9 29
	JUNE .	26 19 45	26 17 39		JUNE .	23 10 55	23 17 51
	JULY .	26 8 29	26 0 51		JULY .	22 23 39	23 6 12
	○	{ 10 2 51	10 5 40		AUG. .	21 12 23	21 17 20
	AUG. .	24 21 13	24 9 33		SEPT. .	20 1 7	20 3 43
	SEPT. .	23 9 57	22 20 35		OCT. .	19 13 51	19 14 11
	OCT. .	22 22 41	22 10 25		NOV. .	18 2 35	18 0 49
	NOV. .	21 11 25	21 3 1		○	{ 2 20 57	3 0 38
	DEC. .	21 0 9	20 21 31		DEC. .	17 15 19	17 11 49
318. A. 26 2 42	JAN. .	19 12 54	19 16 38	315. D. 25 20 9	JAN. .	16 4 4	15 23 16
	FEB. .	18 1 38	18 10 45		FEB. .	14 16 48	14 11 14
	MAR. .	19 14 22	20 2 37		MAR. .	16 5 32	16 0 2
	APRIL	18 3 6	18 15 41		APRIL	14 18 16	14 13 53
	MAY .	17 15 50	18 2 2		MAY .	{ 14 7 0	14 4 43
	JUNE .	16 4 34	16 10 25		○	29 1 22	29 2 29
	JULY .	15 17 18	15 17 54		JUNE .	12 19 44	12 20 4
	AUG. .	14 6 2	14 1 32		JULY .	12 8 23	12 11 20
	SEPT. .	12 18 46	12 10 14		AUG. .	10 21 12	11 1 58
	OCT. .	12 7 30	11 20 41		SEPT. .	9 9 56	9 15 38
	NOV. .	10 20 14	10 9 18		OCT. .	8 22 40	9 4 20
	DEC. .	{ 10 8 58	10 0 7		NOV. .	7 11 24	7 16 16
	○	25 3 20	25 13 23		DEC. .	7 0 8	7 3 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 314. C. March. d. h. m. 26 1 57		d. h. m.	d. h. m.	B.C. 311. F. March. d. h. m. 25 19 24		d. h. m.	d. h. m.
	JAN. .	5 12 52	5 14 14		JAN. .	{ 2 4 1	2 15 24
	FEB. .	4 1 36	4 0 27		FEB. .	{ 31 16 46	...
	MAR. .	5 14 20	5 10 26		MAR. .	{ ...	1 6 22
	APRIL .	4 3 4	3 20 48		APRIL .	{ 2 5 30	2 18 22
	MAY .	3 15 48	3 8 14		MAY .	{ 31 18 14	{ 1 3 44
	JUNE .	2 4 32	1 21 15		JUNE .	{ 30 6 53	{ 30 11 15
	JULY .	{ 1 17 16	1 11 56		JULY .	29 19 42	29 17 57
	AUG. .	{ 31 6 0	31 3 53		AUG. .	28 8 26	28 0 54
	SEPT. .	29 18 44	29 20 22		SEPT. .	27 21 10	27 9 13
	OCT. .	28 7 28	28 12 33		OCT. .	26 9 54	25 19 55
	NOV. .	27 20 12	28 3 45		NOV. .	24 22 38	24 9 36
	DEC. .	26 8 56	26 17 34		DEC. .	24 11 22	24 2 17
		25 21 40	26 5 49			23 0 6	22 21 10
						22 12 50	22 16 45
313. B.A. 25 7 46	JAN. .	24 10 25	24 16 33	310. E. 26 1 13	JAN. .	21 1 35	21 11 23
	FEB. .	22 23 9	23 1 57		○	{ 4 19 57	4 16 34
	MAR. .	23 11 53	23 10 30		FEB. .	{ 19 14 19	20 3 37
	○	{ 7 6 15	7 17 8		MAR. .	21 3 8	21 16 47
	APRIL	{ 22 0 87	21 18 56		APRIL	19 15 47	20 3 2
	MAY .	21 13 21	21 4 13		MAY .	19 4 31	19 11 5
	JUNE .	20 2 5	19 15 17		JUNE .	17 17 15	17 18 2
	JULY .	19 14 49	19 4 42		JULY .	17 5 59	17 0 57
	AUG. .	18 8 33	17 20 29		AUG. .	15 18 43	15 8 54
	SEPT. .	16 16 17	16 14 0		SEPT. .	14 7 27	13 18 47
	○	{ 1 10 39	1 3 35		OCT. .	13 20 11	13 7 16
	OCT. .	{ 16 5 1	16 8 8		NOV. .	12 8 55	11 22 33
	NOV. .	14 17 45	15 1 33		DEC. .	11 21 39	11 16 9
	DEC. .	14 6 29	14 17 27				
312. G. 25 13 35	JAN. .	12 19 13	13 6 57	309. D.C. 25 7 2	JAN. .	{ 10 10 23	10 10 59
	FEB. .	11 7 57	11 18 7		○	{ 25 4 45	25 8 7
	MAR. .	{ 12 20 41	13 3 12		FEB. .	8 23 7	9 5 37
	○	{ 27 15 3	27 18 15		MAR. .	9 11 51	9 22 37
	APRIL	11 9 25	11 10 54		APRIL	8 0 35	8 13 8
	MAY .	10 22 9	10 18 6		MAY .	7 13 19	8 0 42
	JUNE .	9 10 53	9 1 52		JUNE .	6 2 3	6 10 1
	JULY .	8 23 37	8 11 15		JULY .	{ 5 14 47	5 17 56
	AUG. .	7 12 21	6 23 13		○	{ 20 9 9	20 1 39
	SEPT. .	{ 6 1 5	5 14 7		AUG. .	4 3 31	4 1 33
	○	{ 20 19 27	20 19 47		SEPT. .	2 16 15	2 9 47
	OCT. .	5 13 49	5 7 40		OCT. .	{ 2 4 59	1 19 26
	NOV. .	4 2 33	4 2 46			{ 31 17 43	31 7 0
	DEC. .	3 15 17	3 21 51		NOV. .	30 6 27	29 20 42
					DEC. .	29 19 11	29 12 20

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 308. B. March. d. h. m. 25 12 50		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 305. F.E. March. d. h. m. 25 6 17		<i>d. h. m.</i>	<i>d. h. m.</i>
	○	{ 13 13 33	13 23 38		JAN. .	25 23 6	25 23 42
	JAN. .	{ 23 7 56	23 5 23		FEB. .	24 11 50	24 9 31
	FEB. .	26 20 40	26 22 55		MAR. .	25 0 34	24 19 20
	MAR. .	28 9 24	28 15 52		APRIL	23 13 18	23 5 55
	APRIL	26 22 8	27 7 14		○	{ 8 7 40	8 18 14
	MAY .	26 10 52	26 20 23		MAY .	{ 23 2 2	22 17 53
	JUNE .	24 23 36	25 7 33		JUNE .	21 14 46	21 7 40
	○	{ 9 17 58	9 5 42		JULY .	21 3 30	20 23 7
	JULY .	{ 24 12 20	24 17 17		AUG. .	19 16 14	19 15 38
	AUG. .	23 1 4	23 2 17		SEPT. .	18 4 58	18 8 20
	SEPT. .	21 13 43	21 11 25		OCT. .	17 17 42	18 0 23
	OCT. .	21 2 32	20 21 21		○	{ 1 12 4	1 0 25
	NOV. .	19 15 16	19 8 23		NOV. .	{ 16 6 26	16 15 8
	DEC. .	19 4 0	18 20 33		DEC. .	15 19 10	16 4 17
307. A. 25 18 39	JAN. .	17 16 45	17 10 6	304. D. 25 12 6	JAN. .	14 7 55	14 15 44
	FEB. .	16 5 29	16 0 42		FEB. .	12 20 39	13 1 36
	MAR. .	17 18 13	17 16 13		MAR. .	14 9 23	14 10 18
	APRIL	16 6 57	16 8 9		APRIL	{ 12 22 7	12 18 28
	MAY .	15 19 41	15 23 46		○	{ 27 16 29	23 3 27
	JUNE .	14 8 25	14 14 26		MAY .	12 10 51	12 3 1
	JULY .	13 21 9	14 3 42		JUNE .	10 23 35	10 12 58
	AUG. .	12 9 53	12 15 39		JULY .	10 12 19	10 1 7
	SEPT. .	10 22 37	11 2 40		AUG. .	9 1 3	8 15 48
	OCT. .	10 11 21	10 13 17		SEPT. .	7 13 47	7 8 43
	NOV. .	9 0 5	8 23 55		OCT. .	{ 7 2 31	7 2 55
	DEC. .	8 12 49	8 10 46		○	{ 21 20 53	21 13 8
306. G. 26 0 28	JAN. .	7 1 33	6 21 51	303. C. 25 17 55	JAN. .	3 16 43	4 4 46
	FEB. .	5 14 17	5 9 17		FEB. .	2 5 27	2 17 2
	MAR. .	7 3 1	6 21 20		MAR. .	3 18 11	4 2 56
	APRIL	5 15 45	5 10 21		APRIL	2 6 55	2 11 5
	MAY .	{ 5 4 29	5 0 30		MAY .	{ 1 19 39	1 18 16
	○	{ 19 22 51	20 2 51		○	{ 31 8 23	31 1 31
	JUNE .	3 17 13	3 15 33		JUNE .	29 21 7	29 9 55
	JULY .	3 5 57	3 7 1		JULY .	29 9 51	28 20 30
	○	{ 1 18 41	1 22 13		AUG. .	27 22 35	27 9 59
	AUG. .	{ 31 7 25	31 12 40		SEPT. .	26 11 19	26 2 25
	SEPT. .	29 20 9	30 2 10		OCT. .	26 0 3	25 21 0
	OCT. .	29 8 53	29 14 42		NOV. .	24 12 47	24 16 24
	○	{ 13 3 15	12 18 37		DEC. .	24 1 31	24 10 58
	NOV. .	{ 27 21 37	28 2 26				
	DEC. .	27 10 21	27 13 24				

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 302.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 299.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	22 14 16	23 3 18	E.	○	{ 4 11 3	4 22 2
March.	FEB. .	21 3 0	21 16 48	March.	JAN. .	{ 19 5 26	19 0 43
<i>d. h. m.</i>	○	{ 7 21 22	7 16 11	<i>d. h. m.</i>	FEB. .	17 18 10	17 17 51
25 23 43	MAR. .	{ 22 15 44	23 3 18	25 17 10	MAR. .	19 6 54	19 11 1
	APRIL	21 4 28	21 11 27		APRIL	17 19 38	18 3 9
	MAY .	20 17 12	20 18 22		MAY .	17 8 22	17 17 30
	JUNE .	19 5 56	19 1 3		JUNE .	{ 15 21 6	16 5 46
	JULY .	18 18 40	18 8 35		○	{ 30 15 28	30 3 34
	AUG. .	17 7 24	16 18 4		JULY .	15 9 50	15 16 16
	○	{ 1 1 46	1 7 24		AUG. .	13 22 34	14 1 43
	SEPT. .	{ 15 20 8	15 6 17		SEPT. .	12 11 18	12 10 55
	OCT. .	15 8 52	14 21 35		OCT. .	12 0 2	11 20 37
	NOV. .	13 21 36	13 15 32		NOV. .	10 12 46	10 7 10
	DEC. .	13 10 20	13 10 57		DEC. .	{ 10 1 30	9 18 46
					○	{ 24 19 52	25 6 6
301.	JAN. .	11 23 5	12 6 13	298.	JAN. .	8 14 14	8 7 27
A.G.	FEB. .	{ 10 11 49	10 23 41	D.	FEB. .	7 2 58	6 21 13
	○	{ 25 6 11	25 1 59	25 22 59	MAR. .	8 15 42	8 12 1
25 5 32	MAR. .	11 0 33	11 14 20		APRIL	7 4 26	7 3 33
	APRIL	9 13 17	10 1 57		MAY .	6 17 10	6 19 17
	MAY .	9 2 1	9 10 58		JUNE .	{ 5 5 54	5 10 30
	JUNE .	7 14 45	7 18 21		○	{ 20 0 16	19 16 50
	JULY .	7 3 29	7 1 12		JULY .	4 18 33	5 0 38
	AUG. .	{ 5 16 13	5 8 38		AUG. .	3 7 22	3 18 28
	○	{ 20 10 35	20 12 47		SEPT. .	1 20 6	2 1 10
	SEPT. .	4 4 57	3 17 36		OCT. .	{ 1 8 50	1 12 11
	OCT. .	3 17 41	3 4 49		{ 30 21 34	30 22 59	
	NOV. .	2 6 25	1 18 44		NOV. .	29 10 18	29 9 48
	DEC. .	{ 1 19 9	1 11 13		○	{ 14 4 40	14 8 35
		{ 31 7 53	31 5 28		DEC. .	{ 23 23 2	23 20 41
300.	JAN. .	29 20 37	30 0 12	297.	JAN. .	27 11 47	27 7 45
F.	FEB. .	28 9 21	28 13 1	C.B.	FEB. .	26 0 31	25 19 10
25 11 21	MAR. .	29 22 5	30 9 44	25 4 48	MAR. .	26 13 15	26 7 21
	APRIL	28 10 49	28 22 43		APRIL	25 1 59	24 20 41
	MAY .	27 23 33	28 9 10		MAY .	24 14 43	24 11 11
	JUNE .	26 12 17	26 17 46		○	{ 8 9 5	8 9 55
	JULY .	26 1 1	26 1 33		JUNE .	{ 23 3 27	23 2 31
	AUG. .	24 13 45	24 9 34		JULY .	22 16 11	22 13 5
	SEPT. .	23 2 29	22 18 36		AUG. .	21 4 55	21 9 13
	OCT .	22 15 13	22 5 17		SEPT. .	19 17 39	19 23 30
	NOV. .	21 3 57	20 17 55		OCT. .	19 6 23	19 12 47
	DEC. .	20 16 41	20 8 30		NOV. .	17 19 7	18 1 5
					DEC. .	17 7 51	17 12 29

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 296. A. March. d. h. m. 25 10 36	JAN. .	d. h. m. 15 20 36	d. h. m. 15 23 1	B.C. 293. E.D. March. d. h. m. 25 4 3	JAN. .	d. h. m. 13 11 46	d. h. m. 13 23 32
	FEB. .	14 9 20	14 8 50		FEB. .	12 0 30	12 14 23
	MAR. .	15 22 4	15 18 19		MAR. .	12 13 14	13 2 12
	APRIL	14 10 48	14 4 9		○	27 7 36	27 2 50
	MAY .	13 23 32	13 15 7		APRIL	11 1 53	11 11 23
	JUNE .	12 12 16	12 8 53		MAY .	10 14 42	10 18 45
	JULY .	12 1 0	11 18 33		JUNE .	9 3 26	9 1 24
	AUG. .	10 13 44	10 10 44		JULY .	8 16 10	8 8 24
	SEPT. .	9 2 28	9 3 43		AUG. .	7 4 54	6 16 51
	OCT. .	8 15 12	8 20 27		SEPT. .	5 17 38	5 8 42
	NOV. .	7 3 56	7 12 9		OCT. .	5 6 22	4 17 33
	DEC. .	6 16 40	7 2 17		NOV. .	3 19 6	3 10 18
					DEC. .	3 7 50	3 5 9
295. G. 25 16 25	JAN. .	5 5 24	5 14 35	292. C. 25 9 52	JAN. .	{ 1 20 34	2 0 38
	FEB. .	3 18 8	4 1 6			{ 31 9 18	31 19 4
	MAR. .	5 6 52	5 10 7		FEB. ○	15 3 40	15 0 50
	APRIL	{ 3 19 36	3 18 14		MAR. .	{ 1 22 2	2 11 9
	○	{ 18 13 58	19 0 1			{ 31 10 46	{ 1 0 12
	MAY .	3 8 20	3 2 17		APRIL	29 23 30	{ 30 10 22
	JUNE .	1 21 4	{ 1 11 17		MAY .	29 12 14	29 18 27
	JULY .	{ 1 9 48	{ 30 22 11		JUNE .	28 0 58	28 1 30
		{ 30 22 32	30 11 37		JULY .	27 13 42	27 8 39
	AUG. .	29 11 16	29 3 36		AUG. .	26 2 26	25 16 51
	SEPT. .	28 0 0	27 21 28		SEPT. .	24 15 10	24 2 59
	○	{ 12 18 22	12 12 12		OCT. .	24 3 54	23 15 36
	OCT. .	{ 27 12 44	27 16 1		NOV. .	22 16 38	22 6 50
	NOV. .	26 1 28	26 9 52		DEC. .	22 5 22	22 0 12
	DEC. .	25 14 12	26 1 54				
294. F. 25 22 14	JAN. .	24 2 57	24 15 24	291. B. 25 15 40	JAN. .	20 18 7	20 18 43
	FEB. .	22 15 41	23 2 20		○	{ 4 12 29	4 16 40
	MAR. .	24 4 25	24 11 8		FEB. .	{ 19 6 51	19 13 0
	○	{ 7 22 47	8 1 2		MAR. .	20 19 35	21 5 44
	APRIL	{ 22 17 9	22 18 33		APRIL	19 8 19	19 20 3
	MAY .	22 5 53	22 1 32		MAY .	18 21 3	19 7 45
	JUNE .	20 18 37	20 9 8		JUNE .	17 9 47	17 17 15
	JULY .	20 7 21	19 18 31		JULY .	{ 16 22 31	17 1 29
	AUG. .	18 20 5	18 6 33		○	{ 31 16 53	31 8 23
	SEPT. .	17 8 49	16 21 38		AUG. .	15 11 15	15 9 27
	○	{ 2 3 11	2 4 15		SEPT. .	13 23 59	13 18 4
	OCT. .	{ 16 21 33	16 15 23		OCT. .	13 12 43	13 4 2
	NOV. .	15 10 17	15 10 41		NOV. .	12 1 27	11 15 42
	DEC. .	14 23 1	15 5 56		DEC. .	11 14 11	11 5 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 290.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 287.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	{ 10 2 56	9 20 31	March.	JAN. .	6 18 6	6 22 17
<i>d. h. m.</i>	○	{ 24 21 18	25 8 12	<i>d. h. m.</i>	FEB. .	5 6 50	5 8 15
25 21 29	FEB. .	8 15 40	8 13 2	25 14 55	MAR. .	6 19 34	6 17 35
	MAR. .	10 4 24	10 6 4		APRIL	5 8 18	5 2 54
	APRIL	8 17 8	8 22 39		MAY .	{ 4 21 2	4 12 59
	MAY .	8 5 52	8 13 54		○	{ 19 15 24	20 1 26
	JUNE .	6 18 36	7 3 16		JUNE .	3 9 46	3 0 39
	JULY .	{ 6 7 20	6 14 46		JULY .	2 22 30	2 14 18
	○	{ 21 1 42	20 12 47		AUG. .	{ 1 11 14	1 5 52
	AUG. .	4 20 4	5 0 53		○	{ 30 23 58	30 22 47
	SEPT. .	3 8 48	3 10 21		SEPT. .	29 12 42	29 16 0
	OCT. .	2 21 32	2 19 57		OCT. .	29 1 26	29 8 35
	NOV. .	{ 1 10 16	1 6 12		○	{ 12 19 48	12 8 58
	○	{ 30 23 0	30 17 18		NOV. .	{ 27 14 10	27 23 44
	DEC. .	30 11 44	30 5 18		DEC. .	27 2 54	27 13 2
289.	JAN. .	29 0 28	28 18 18	286.	JAN. .	25 15 38	26 0 21
G.F.	FEB. .	27 13 12	27 8 18	C.	FEB. .	24 4 22	24 9 53
25 8 18	MAR. .	28 1 56	27 23 18	25 20 44	MAR. .	25 17 6	25 18 11
	APRIL	26 14 40	26 14 44		APRIL	24 5 50	24 1 59
	MAY .	26 3 24	26 6 13		○	{ 9 0 12	9 10 15
	JUNE .	24 16 8	24 21 2		MAY .	{ 23 18 34	23 10 13
	JULY .	24 4 52	24 10 45		JUNE .	22 7 18	21 19 57
	AUG. .	22 17 36	22 23 15		JULY .	21 20 2	21 8 2
	SEPT. .	21 6 20	21 10 50		AUG. .	20 8 46	19 22 52
	OCT. .	20 19 4	20 21 56		SEPT. .	18 21 30	18 16 4
	NOV. .	19 7 48	19 8 51		OCT. .	18 10 14	18 10 38
	DEC. .	18 20 32	18 19 42		○	{ 2 4 36	1 21 55
288.	JAN. .	17 9 16	17 6 30	285.	JAN. .	15 0 27	15 13 11
E.	FEB. .	15 22 0	15 17 26	B.A.	FEB. .	13 13 11	14 1 18
25 9 7	MAR. .	17 10 45	17 4 55	25 2 38	MAR. .	14 1 55	14 10 58
	APRIL	15 23 29	15 17 22		APRIL	12 14 39	12 18 48
	MAY .	{ 15 12 13	15 7 6		MAY .	12 3 23	12 1 45
	○	{ 30 6 35	30 10 17		JUNE .	10 16 7	10 8 51
	JUNE .	14 0 57	13 22 0		JULY .	10 4 51	9 17 12
	JULY .	13 18 41	13 18 37		AUG. .	8 17 35	8 8 51
	AUG. .	12 2 25	12 5 16		SEPT. .	7 6 19	6 17 29
	SEPT. .	10 15 9	10 20 19		OCT. .	6 19 3	6 10 4
	OCT. .	10 3 53	10 10 24		NOV. .	5 7 47	5 4 52
	NOV. .	{ 8 16 37	8 23 25		DEC. .	4 20 31	5 0 25
	○	{ 23 10 59	23 2 47				
	DEC. .	8 5 21	8 11 22				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 284. G. March. d. h. m. 25 8 22		d. h. m.	d. h. m.	B.C. 281. D.C. March. d. h. m. 25 1 48		d. h. m.	d. h. m.
	JAN. .	3 9 15	3 19 2		JAN. ○	{ 1 0 25 15 18 47	... 16 6 35
	FEB. .	1 21 59	2 11 18			{ 30 13 9	30 8 34
	MAR. .	{ 3 10 43	4 0 33		FEB. .	29 1 53	29 1 10
	○	{ 18 5 5	17 23 35		MAR. .	29 14 37	29 17 52
	APRIL	1 23 27	2 10 53		APRIL	28 3 21	28 9 47
	MAY .	{ 1 12 11	1 18 58		MAY .	27 16 5	28 0 9
		{ 31 0 55	31 1 49		JUNE .	26 4 49	26 12 42
	JUNE .	29 13 39	29 8 31		○	{ 10 23 11	10 10 43
	JULY .	29 2 23	28 16 10		JULY .	{ 25 17 33	25 23 38
	AUG. .	27 15 7	27 1 50		AUG. .	24 6 17	24 9 35
	○	{ 11 9 29	11 15 12		SEPT. .	22 19 1	22 19 18
	SEPT. .	{ 26 3 51	25 14 13		OCT. .	22 7 45	22 5 22
	OCT. .	25 16 35	25 5 37		NOV. .	20 20 29	20 16 5
	NOV. .	24 5 19	23 23 33		DEC. .	20 9 13	20 3 34
	DEC. .	23 18 3	23 18 52		○	{ 4 3 35	4 15 7
283. F.	JAN. .	22 6 48	22 13 57	280. B.	JAN. .	{ 18 21 58	18 15 52
	FEB. .	20 19 32	21 7 14		FEB. .	17 10 42	17 5 4
	○	{ 7 13 54	7 9 56		MAR. .	18 23 26	18 19 15
25 14 11	MAR. .	{ 22 8 16	22 21 44	25 7 37	APRIL	17 12 10	17 10 17
	APRIL	20 21 0	21 9 14		MAY .	17 0 54	17 1 45
	MAY .	20 9 44	20 18 16		JUNE .	{ 15 13 38	15 17 0
	JUNE .	18 22 23	19 1 45		○	{ 30 8 0	30 0 16
	JULY .	18 11 12	18 8 50		JULY .	15 2 22	15 7 29
	AUG. .	{ 16 23 56	16 16 31		AUG. .	13 15 6	13 20 50
	○	{ 31 18 18	31 20 4		SEPT. .	12 3 50	12 9 8
	SEPT. .	15 12 40	15 1 45		OCT. .	11 16 34	11 20 42
	OCT. .	15 1 24	14 13 11		NOV. .	10 5 18	10 7 51
	NOV. .	13 14 8	13 3 7		DEC. .	{ 9 18 2	9 18 46
	DEC. .	13 2 52	12 19 25		○	{ 24 12 24	24 16 34
282. E.	JAN. .	11 15 37	11 13 20	279. A.	JAN. .	8 6 46	8 5 29
	FEB. .	{ 10 4 21	10 7 42		FEB. .	6 19 30	6 16 6
	○	{ 24 22 43	25 1 26		MAR. .	8 8 14	8 2 58
25 20 0	MAR. .	11 17 5	12 1 11	25 13 26	APRIL	6 20 58	6 14 34
	APRIL	10 5 49	10 16 41		MAY .	6 9 42	6 3 24
	MAY .	9 18 33	10 5 41		JUNE .	{ 4 22 26	4 17 39
	JUNE .	8 7 17	8 16 17		○	{ 19 16 43	19 17 22
	JULY .	7 20 1	8 1 11		JULY .	4 11 10	4 9 1
	AUG. .	6 8 45	6 9 19		AUG. .	2 23 54	3 0 54
	SEPT. .	4 21 29	4 17 45		SEPT. .	1 12 38	1 16 35
	OCT. .	4 10 13	4 3 8		OCT. .	{ 1 1 22	1 7 29
	NOV. .	2 22 57	2 14 1			{ 30 14 6	30 21 19
	DEC. .	{ 2 11 41	2 2 35		NOV. .	29 2 50	29 9 56
		{ ...	31 16 51		DEC. .	28 15 34	28 21 22

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 278. g. March. d. h. m. 25 19 15		d. h. m.	d. h. m.	B.C. 275. c. March. d. h. m. 25 12 41		d. h. m.	d. h. m.
	JAN. .	27 4 19	27 7 40		JAN. .	23 19 29	24 7 30
	FEB. .	25 17 3	25 17 4		FEB. .	22 8 13	22 22 14
	MAR. .	27 5 47	27 2 3		MAR. .	23 20 57	24 9 53
	APRIL	25 18 31	25 11 25		○	{ 7 15 19	7 9 53
	MAY .	25 7 15	24 22 1		APRIL	{ 22 9 41	22 18 55
	JUNE .	23 19 59	23 10 32		MAY .	21 22 25	22 2 13
	JULY .	23 8 43	23 1 14		JUNE .	20 11 9	20 8 52
	AUG. .	21 21 27	21 17 43		JULY .	19 23 53	19 15 58
	SEPT. .	20 10 11	20 11 9		AUG. .	18 12 37	18 0 37
	OCT. .	19 22 55	20 4 25		SEPT. .	17 1 21	16 11 40
	NOV. .	18 11 39	18 20 35		○	{ 1 19 43	2 1 47
	DEC. .	18 0 23	18 10 57		OCT. .	{ 16 14 5	16 1 37
					NOV. .	15 2 49	14 18 23
277. F.E. 25 1 4	JAN. .	16 13 8	16 23 14	274. B. 25 18 30	DEC. .	14 15 33	14 13 8
	FEB. .	15 1 52	15 9 31		JAN. .	13 4 18	13 8 27
	MAR. .	15 14 36	15 18 11		FEB. .	{ 11 17 2	12 2 40
	APRIL	{ 14 3 20	14 1 55		○	{ 26 11 24	26 9 1
	○	{ 28 21 42	29 6 45		MAR. .	13 5 46	13 18 32
	MAY .	13 16 4	13 9 38		APRIL	11 18 30	12 7 28
	JUNE .	12 4 48	11 18 23		MAY .	11 7 14	11 17 38
	JULY .	11 17 32	11 5 11		JUNE .	9 19 58	10 1 49
	AUG. .	10 6 16	9 18 40		JULY .	9 8 42	9 9 3
	SEPT. .	8 19 0	8 10 53		AUG. .	7 21 26	7 16 28
	OCT. .	{ 8 7 44	8 5 4		SEPT. .	6 10 10	6 0 59
	○	{ 23 2 6	22 20 57		OCT. .	5 22 54	5 11 23
	NOV. .	6 20 28	6 23 59		NOV. .	4 11 38	4 0 5
	DEC. .	6 9 12	6 18 8		DEC. .	4 0 22	3 15 12
276. D. 25 6 53	JAN. .	4 21 57	5 10 17	273. A.G. 25 0 19	JAN. .	2 13 6	2 8 15
	FEB. .	3 10 41	3 23 43		FEB. .	{ 1 1 50	1 2 20
	MAR. .	4 23 25	5 10 26		○	{ 15 20 12	16 1 15
	APRIL	{ 3 12 9	3 18 57		MAR. .	{ 1 14 34	1 20 18
	○	{ 18 6 31	18 7 42			{ 31 3 18	31 12 41
	MAY .	3 0 53	3 2 6		APRIL	29 16 2	30 2 56
	JUNE .	1 13 37	{ 1 8 56		MAY .	29 4 46	29 14 44
	JULY .	{ 1 2 21	{ 30 16 29		JUNE .	27 17 30	28 0 30
		{ 30 15 5	30 1 54		JULY .	27 6 14	27 9 6
	AUG. .	29 3 49	28 14 2		○	{ 11 0 36	10 15 25
	SEPT. .	27 16 33	27 5 17		AUG. .	{ 25 18 53	25 17 28
	○	{ 12 10 55	12 12 51		SEPT. .	24 7 42	24 2 30
	OCT. .	{ 27 5 17	26 23 13		OCT. .	23 20 26	23 12 44
	NOV. .	25 18 1	25 18 33		NOV. .	22 9 10	22 0 27
	DEC. .	25 6 45	25 13 57		DEC. .	21 21 54	21 18 47

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	* True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 272.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 269.		<i>d. h. m.</i>	<i>d. h. m.</i>
F. March.	JAN. .	20 10 39	20 4 36	C.B. March.	JAN. .	18 1 49	18 7 1
<i>d. h. m.</i>	○ {	4 5 1	4 16 35	<i>d. h. m.</i>	FEB. .	16 14 33	16 16 39
25 6 8	FEB. .	18 23 23	18 20 33	24 23 34	MAR. .	17 3 17	17 1 31
	MAR. .	20 12 7	20 13 3		APRIL .	15 16 1	15 10 21
	APRIL .	19 0 51	19 5 18		MAY .	15 4 45	14 20 2
	MAY .	18 13 35	18 20 27		○ {	29 23 7	30 8 34
	JUNE .	17 2 19	17 10 2		JUNE .	13 17 29	13 7 24
	JULY .	16 15 3	16 21 56		JULY .	13 6 13	12 21 0
	○ {	31 9 25	30 20 1		AUG. .	11 18 57	11 12 45
	AUG. .	15 3 47	15 8 32		SEPT. .	10 7 41	10 6 2
	SEPT. .	13 16 31	13 18 33		OCT. .	9 20 25	9 23 45
	OCT. .	13 5 15	13 4 36		NOV. .	8 9 9	8 16 49
	NOV. .	11 17 59	11 15 7		○ {	28 3 31	22 17 36
	DEC. .	11 6 43	11 2 11		DEC. .	7 21 53	8 8 18
271.	JAN. .	9 19 28	9 13 56	268.	JAN. .	6 10 38	6 21 41
E.	FEB. .	8 8 12	8 2 24	A.	FEB. .	4 23 22	5 8 50
25 11 57	MAR. .	9 20 56	9 15 46	25 5 23	MAR. .	6 12 6	6 18 4
	APRIL .	8 9 40	8 6 8		APRIL .	5 0 50	5 2 0
	MAY .	7 22 24	7 21 16		MAY .	4 13 34	4 9 26
	JUNE .	6 11 8	6 12 40		○ {	19 7 56	19 16 59
	JULY .	5 23 52	6 3 43		JUNE .	3 2 18	2 17 26
	AUG. .	4 12 36	4 17 53		JULY .	2 15 2	2 3 1
	SEPT. .	3 1 20	3 6 53		○ {	1 3 46	31 15 7
	OCT. .	2 14 4	2 19 10		AUG. .	30 16 30	30 6 5
	NOV. .	1 2 48	1 6 42		SEPT. .	29 5 14	28 23 33
	○ {	30 15 32	30 17 50		OCT. .	28 17 53	28 18 27
	DEC. .	30 4 16	30 4 36		○ {	12 12 20	12 6 49
270.	JAN. .	28 17 0	23 15 3	267.	JAN. .	25 8 10	25 21 27
D.	FEB. .	27 5 44	27 1 29	G.	FEB. .	23 20 54	24 9 24
25 17 46	MAR. .	28 18 28	23 12 22	25 11 12	MAR. .	25 9 33	25 18 49
	APRIL .	27 7 12	27 0 16		APRIL .	23 22 22	24 2 25
	MAY .	26 19 56	26 13 39		MAY .	23 11 6	23 9 12
	○ {	10 14 18	10 17 40		JUNE .	21 23 50	21 16 12
	JUNE .	25 8 40	25 4 29		JULY .	21 12 34	21 0 36
	JULY .	24 21 24	24 20 13		AUG. .	20 1 13	19 11 20
	AUG. .	23 10 8	23 12 24		SEPT. .	18 14 2	18 1 6
	SEPT. .	21 22 52	22 4 3		OCT. .	18 2 46	17 17 52
	OCT. .	21 11 36	21 13 43		NOV. .	16 15 30	16 12 47
	NOV. .	20 0 20	20 8 9		DEC. .	16 4 14	16 8 25
	○ {	4 18 42	4 10 58				
	DEC. .	19 13 4	19 20 14				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 266. F. March. d. h. m. 25 17 1		d. h. m.	d. h. m.	B.C. 263. B. March. d. h. m. 25 10 27		d. h. m.	d. h. m.
	JAN. .	14 16 59	15 2 59		JAN. .	{ 11 8 9	11 1 10
	FEB. .	13 5 43	13 19 9		○	{ 26 2 31	26 15 1
	MAR. .	{ 14 18 27	15 8 15		FEB. .	9 20 53	9 16 20
	○	{ 29 12 49	29 6 52		MAR. .	11 9 37	11 8 21
	APRIL	13 7 11	13 18 26		APRIL	9 22 21	10 0 37
	MAY .	12 19 55	13 2 26		MAY .	9 11 5	9 16 19
	JUNE .	11 8 39	11 9 15		JUNE .	7 23 49	8 6 48
	JULY .	10 21 23	10 16 4		JULY .	7 12 33	7 19 41
	AUG. .	9 10 7	8 23 55		AUG. .	6 1 17	6 7 6
	SEPT. .	{ 7 22 51	7 9 47		SEPT. .	4 14 1	4 17 37
	○	{ 22 17 13	22 23 7		OCT. .	4 2 45	4 3 49
	OCT. .	7 11 35	6 21 20		NOV. .	2 15 29	2 14 14
	NOV. .	6 0 19	5 13 47		DEC. .	{ 2 4 13	2 1 2
	DEC. .	5 13 8	5 7 38			{ 31 16 58	31 12 21
265. E.D. 21 22 50	JAN. .	4 1 48	4 2 46	262. A. 25 16 16	○	{ 15 11 20	15 23 14
	FEB. .	2 14 32	2 21 35		JAN. .	{ 30 5 42	30 0 12
	MAR. .	{ 3 8 16	3 14 37		FEB. .	23 18 26	23 12 49
	○	{ 17 21 38	17 17 47		MAR. .	30 7 10	30 2 23
	APRIL	1 16 0	2 4 59		APRIL	28 19 54	28 16 56
	MAY .	{ 1 4 44	1 16 27		MAY .	28 8 33	28 8 12
	JUNE .	{ 30 17 28	31 1 32		JUNE .	26 21 22	26 23 33
	JUNE .	29 6 12	29 9 13		○	{ 11 15 44	11 7 47
	JULY .	23 18 56	23 16 33		JULY .	{ 26 10 6	26 14 24
	AUG. .	27 7 40	27 0 35		AUG. .	24 22 50	25 4 18
	○	{ 11 2 2	11 3 22		SEPT. .	23 11 34	23 17 13
	SEPT. .	{ 25 20 24	25 10 7		OCT. .	23 0 18	23 5 19
	OCT. .	25 9 8	24 21 43		NOV. .	21 13 2	21 16 46
	NOV. .	23 21 52	23 11 36		DEC. .	21 1 46	21 3 43
	DEC. .	23 10 36	23 3 38				
264. C. 25 4 39	JAN. .	21 23 20	21 21 7	261. G.F. 24 22 5	○	{ 4 20 8	5 0 25
	FEB. .	20 12 4	20 15 2		JAN. .	{ 19 14 30	19 14 12
	○	{ 7 6 26	7 9 35		FEB. .	18 3 14	18 0 22
	MAR. .	{ 22 0 43	22 8 10		MAR. .	18 15 58	18 10 40
	APRIL	20 13 32	20 23 31		APRIL	17 4 42	16 21 43
	MAY .	20 2 16	20 12 34		MAY .	16 17 26	16 10 9
	JUNE .	13 15 0	13 23 22		JUNE .	{ 15 6 10	15 0 10
	JULY .	13 8 44	13 8 37		○	{ 30 0 32	30 0 52
	AUG. .	16 16 23	16 17 13		JULY .	14 18 54	14 15 37
	SEPT. .	15 5 12	15 2 3		AUG. .	13 7 38	13 7 51
	OCT. .	14 17 56	14 11 47		SEPT. .	11 20 22	12 0 5
	NOV. .	13 6 40	12 22 49		OCT. .	11 9 6	11 15 35
	DEC. .	12 19 24	12 11 16		NOV. .	9 21 50	10 5 53
					DEC. .	9 10 34	9 13 47

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 260.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 257.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	7 23 19	8 6 11	March.	JAN. .	5 14 29	5 21 54
<i>d. h. m.</i>	FEB. .	6 12 8	6 16 18	<i>d. h. m.</i>	FEB. .	4 8 13	4 15 20
25 3 54	MAR. .	8 0 47	8 1 11	24 21 20	MAR. .	4 15 57	5 5 55
	APRIL	6 13 31	6 9 48		APRIL	{ 3 4 41	3 17 26
	MAY .	6 2 15	5 18 38		○	{ 17 23 8	17 16 54
	JUNE .	4 14 59	4 4 55		MAY .	2 17 25	3 2 21
	JULY .	4 3 43	3 17 18		JUNE .	{ 1 6 9	1 9 34
	AUG. .	2 16 27	2 8 4			{ 30 18 53	30 16 21
	SEPT. .	{ 1 5 11	1 0 50		JULY .	30 7 37	29 23 41
		{ 30 17 55	30 18 43		AUG. .	28 20 21	28 8 32
	OCT. .	30 6 39	30 12 29		SEPT. .	27 9 5	26 19 46
	NOV. .	28 19 23	29 5 2		○	{ 12 3 27	12 10 8
	DEC. .	28 8 7	28 19 33		OCT. .	{ 26 21 49	26 9 50
					NOV. .	25 10 33	25 2 34
					DEC. .	24 23 17	24 21 7
259.	JAN. .	26 20 52	27 7 47	256.	JAN. .	23 12 1	23 16 7
D.	FEB. .	25 9 36	25 17 47	G.	FEB. .	22 0 45	22 10 4
25 9 43	MAR. .	26 22 20	27 2 6	25 8 9	MAR. .	23 13 29	24 1 45
	APRIL	25 11 4	25 9 30		APRIL	22 2 13	22 14 36
	○	{ 10 5 26	10 13 25		MAY .	21 14 57	22 0 49
	MAY .	{ 24 23 43	24 16 56		JUNE .	20 3 41	20 9 9
	JUNE .	23 12 32	23 1 32		JULY .	19 16 23	19 16 40
	JULY .	23 1 16	22 12 17		AUG. .	18 5 9	18 0 24
	AUG. .	21 14 0	21 1 52		SEPT. .	16 17 53	16 9 13
	SEPT. .	20 2 44	19 13 17		OCT. .	16 6 37	15 19 53
	OCT. .	19 15 28	19 12 47		NOV. .	14 19 21	14 8 39
	○	{ 3 9 50	3 5 43		DEC. .	14 8 5	13 23 33
	NOV. .	{ 13 4 12	13 8 0				
	DEC. .	17 16 56	18 2 22				
258.	JAN. .	16 5 40	16 13 31	255.	JAN. .	12 20 50	12 16 14
C.	FEB. .	14 18 24	15 7 50	F.	FEB. .	{ 11 9 34	11 9 51
25 15 32	MAR. .	16 7 8	16 13 20	25 8 53	○	{ 26 8 56	26 9 24
	APRIL	{ 14 19 52	15 2 33		MAR. .	12 22 18	13 3 13
	○	{ 29 14 14	29 14 18		APRIL	11 11 2	11 19 31
	MAY .	14 8 36	14 9 35		MAY .	10 23 46	11 9 44
	JUNE .	12 21 20	12 16 19		JUNE .	9 12 30	9 21 42
	JULY .	12 10 4	11 23 53		JULY .	9 1 14	9 7 43
	AUG. .	10 22 43	10 9 24		AUG. .	{ 7 13 53	7 16 49
	SEPT. .	9 11 32	8 21 41		○	{ 22 8 20	21 22 29
	OCT. .	{ 9 0 16	8 13 5		SEPT. .	6 2 42	6 1 29
	○	{ 23 18 33	23 21 32		OCT. .	5 15 23	5 11 4
	NOV. .	7 13 0	7 7 7		NOV. .	4 4 10	3 21 32
	DEC. .	7 1 44	7 2 37		DEC. .	3 16 54	3 9 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 254. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 251. A. March. <i>d. h. m.</i> 25 8 13		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 25 14 47	JAN. .	{ 2 5 39 31 18 23	1 22 19 31 12 36		JAN. .	28 9 33	28 15 40
	FEB. .	{ ... 15 12 45	... 16 0 51		FEB. .	26 22 17	27 0 56
	MAR. .	{ 2 7 7 31 19 51	2 3 57 31 19 56		MAR. .	28 11 1	28 9 21
	APRIL	30 8 35	30 11 53		APRIL	26 23 45	26 17 44
	MAY .	29 21 19	30 3 2		MAY .	26 12 29	26 3 5
	JUNE .	28 10 3	23 16 50		○	{ 10 6 51 25 1 13	10 15 41 24 14 14
	JULY .	27 22 47	28 5 11		JUNE .	24 13 57	24 3 49
	○	{ 11 17 9 26 11 31	11 3 23 26 16 20		JULY .	23 2 41	22 19 46
	AUG. .	25 0 15	25 2 53		AUG. .	21 15 25	21 13 25
	SEPT. .	24 12 59	24 13 22		SEPT. .	21 4 9	21 7 33
	OCT. .	23 1 43	23 0 4		OCT. .	19 16 53	20 1 7
	NOV. .	22 14 27	22 11 4		○	{ 4 11 15 19 5 37	4 2 16 19 16 50
	DEC. .	21 3 11	20 22 27	250. G. 25 14 2	DEC. .	17 18 21	18 6 12
253. D.C.	JAN. .	19 15 55	19 10 22		JAN. .	16 7 5	16 17 10
24 20 36	FEB. .	20 4 39	19 23 8		FEB. .	17 19 49	18 2 5
	MAR. .	18 17 23	18 12 57		MAR. .	16 8 33	16 9 40
	APRIL	18 6 7	18 3 45		APRIL	{ 15 21 17 30 15 39	15 16 50 30 23 38
	MAY .	16 18 51	16 19 7		○	14 10 1	14 0 33
	JUNE .	{ 16 7 35 31 1 57	16 10 25 30 15 37		JUNE .	13 22 45	13 10 10
	○	14 20 19	15 1 5		JULY .	12 11 29	11 22 19
	AUG. .	13 9 3	13 14 48		AUG. .	11 0 13	10 13 26
	SEPT. .	12 21 47	13 3 33		SEPT. .	10 12 57	10 7 10
	OCT. .	11 10 31	11 15 30		OCT. .	{ 9 1 41 23 20 3	9 2 21 23 15 43
	NOV. .	10 23 15	11 2 47		○	8 14 25	8 21 25
	DEC. .	9 12 0	9 13 26		DEC. .	7 8 10	7 14 51
252. B.	JAN. .	8 0 44	7 23 32	249. F.E.	JAN. .	5 15 54	6 5 36
25 2 25	FEB. .	9 13 28	9 9 25	21 19 51	FEB. .	6 4 38	6 17 23
	MAR. .	8 2 12	7 19 45		MAR. .	4 17 22	5 2 34
	APRIL	7 14 56	7 7 10		APRIL	4 6 6	4 9 58
	MAY .	{ 6 3 40 20 22 2	5 20 15 21 1 7		MAY .	2 18 50	2 16 38
	JUNE .	5 16 24	5 11 2		JUNE .	{ 2 7 34 31 20 18	1 23 39 31 8 8
	○	4 5 8	4 3 5		JULY .	30 9 2	29 19 1
	AUG. .	2 17 52	2 19 39		AUG. .	28 21 46	28 8 55
	SEPT. .	{ 2 6 36 31 19 20	2 11 54 { 1 3 7 30 16 54		SEPT. .	23 10 30	23 1 48
	OCT. .	30 8 4	14 19 10		OCT. .	26 23 14	26 20 47
	NOV. .	{ 15 2 26 29 20 48	14 19 10 30 5 4		NOV. .	26 11 58	26 16 21
	○				DEC. .		
	DEC. .						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (☾ Full Ecl.)	True New Moon. (☾ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (☾ Full Ecl.)	True New Moon. (☾ Full Ecl.)
B.C. 248. D. March. d. h. m. 25 1 40		d. h. m.	d. h. m.	B.C. 248. A.D. March. d. h. m. 24 19 0		d. h. m.	d. h. m.
	JAN. .	25 0 43	25 10 50		JAN. .	24 17 11	24 9 25
	FEB. .	23 13 27	24 2 50		FEB. .	16 10 15	16 23 18
	MAR. .	25 2 11	25 15 47		MAR. .	21 4 47	21 20 56
	○	8 20 31	8 11 5		APR. .	24 17 11	24 15 25
	APRIL .	23 14 55	24 1 51		MAY. .	19 7 35	19 7 17
	MAY. .	23 8 30	23 9 49		JUNE. .	19 19 19	19 22 56
	JUNE. .	21 16 23	21 16 44		JULY. .	19 7 33	19 15 28
	JULY. .	21 5 7	21 23 41		AUG. .	17 20 17	19 2 43
	AUG. .	19 17 51	19 7 49		SEPT. .	16 9 1	16 14 59
	SEPT. .	18 6 35	17 17 54		OCT. .	14 21 17	15 1 44
	○	8 0 57	8 7 10		NOV. .	14 10 7	14 12 21
	OCT. .	17 19 19	17 6 30		DEC. .	12 23 13	12 23 9
	NOV. .	16 8 8	15 24 2			12 11 57	12 10 0
	DEC. .	15 20 47	15 15 43				
247. C. 25 7 29	JAN. .	14 9 31	14 10 32	244. F. 25 0 55	JAN. .	11 0 41	10 21 4
	FEB. .	12 22 15	13 5 2		FEB. .	12 19 0	12 7 11
	MAR. .	14 10 50	14 21 50		MAR. .	9 13 25	9 8 26
	○	29 5 21	29 1 29		APR. .	11 2 9	10 20 25
	APRIL .	12 23 43	13 12 4		MAY. .	9 14 13	9 9 25
	MAY. .	12 12 27	12 23 33		JUNE. .	9 8 37	9 23 33
	JUNE. .	11 1 11	11 8 47		JULY. .	7 16 21	7 14 37
	JULY. .	10 13 55	10 16 42		AUG. .	7 5 5	7 6 7
	AUG. .	9 2 30	9 0 23		SEPT. .	21 23 27	21 15 23
	SEPT. .	7 15 23	7 8 47		OCT. .	5 17 19	5 21 27
	○	23 0 45	23 10 51		NOV. .	4 6 33	4 11 32
	OCT. .	7 4 7	6 18 35		DEC. .	3 19 17	3 1 24
	NOV. .	5 16 51	5 6 18			2 9 1	2 13 59
	DEC. .	5 5 35	4 20 6			1 30 45	2 1 42
246. B. 25 18 18	JAN. .	8 18 20	8 11 49			131 9 29	31 12 37
	FEB. .	2 7 4	2 4 49		○	15 8 32	15 9 12
	MAR. .	8 19 48	8 22 14	243. K. 25 6 44	JAN. .	120 22 11	20 23 49
	○	18 14 10	18 17 36		FEB. .	20 10 56	20 8 32
	APRIL .	2 8 32	2 15 4		MAR. .	20 33 42	20 18 16
	MAY. .	1 21 13	2 0 17		APRIL .	20 12 20	20 4 39
	JUNE. .	29 22 44	31 19 24		MAY. .	20 1 10	27 16 51
	JULY. .	29 11 23	29 16 10		JUNE. .	20 13 51	20 6 43
	AUG. .	28 0 12	28 1 14		○	11 8 16	11 9 20
	○	11 18 34	11 10 31		JULY. .	190 2 34	25 23 17
	SEPT. .	26 12 56	26 10 29		AUG. .	24 15 27	24 11 54
	OCT. .	26 1 40	25 20 33		SEPT. .	23 4 6	23 7 42
	NOV. .	24 14 24	24 7 40		OCT. .	22 16 50	22 23 47
	DEC. .	24 8 8	23 19 57		NOV. .	21 5 34	21 14 31
					DEC. .	20 18 16	21 3 34

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 242. D. March. d. h. m. 25 12 33	JAN. .	d. h. m.	d. h. m.	B.C. 239. G. March. d. h. m. 25 5 59	JAN. .	d. h. m.	d. h. m.
	FEB. .	19 7 2	19 14 53		FEB. .	15 22 12	16 5 43
	MAR. .	17 19 46	18 0 37		MAR. .	14 10 56	14 22 59
	APRIL	19 8 30	19 9 9		APRIL	15 23 40	16 13 25
	MAY .	17 21 14	17 17 15		APRIL	{ 14 12 24	15 0 50
	JUNE .	17 9 58	17 1 49		○	{ 29 6 46	28 23 47
	JULY .	15 22 42	15 11 50		MAY .	14 1 8	14 9 42
	AUG. .	15 11 26	15 0 8		JUNE .	12 13 52	12 17 2
	SEPT. .	14 0 10	13 15 0		JULY .	12 2 36	11 23 56
	OCT. .	12 12 54	12 8 5		AUG. .	10 15 20	10 7 29
	NOV. .	12 1 38	12 2 22		SEPT. .	9 4 4	8 16 33
	DEC. .	10 14 22	10 20 36		OCT. .	{ 8 16 48	8 4 2
		10 3 6	10 13 27		○	{ 23 11 10	23 18 23
					NOV. .	7 5 32	6 18 8
241. C.B. 24 18 22	JAN. .	8 15 51	9 4 4	238. F. 25 11 48	DEC. .	6 18 16	6 10 43
	FEB. .	7 4 35	7 16 9		JAN. .	5 7 1	5 5 1
	MAR. .	7 17 19	8 1 53		FEB. .	3 19 45	3 23 41
	APRIL	6 6 3	6 9 52		MAR. .	5 8 29	5 17 19
	MAY .	{ 5 18 47	5 16 59		APRIL	3 21 13	4 8 50
	○	{ 20 13 9	20 20 0		MAY .	3 9 57	3 21 40
	JUNE .	4 7 31	4 0 14		JUNE .	1 22 41	2 7 53
	JULY .	3 20 15	3 8 45		JULY .	{ 1 11 25	1 16 32
	AUG. .	{ 2 8 59	1 19 30		○	{ 31 0 9	31 0 23
	SEPT. .	{ 31 21 43	31 9 13		AUG. .	29 12 53	29 8 30
	OCT. .	30 10 27	30 1 50		SEPT. .	28 1 37	27 17 41
	○	{ 13 17 33	13 14 43		OCT. .	27 14 21	27 4 31
	NOV. .	{ 23 11 55	23 16 1		NOV. .	26 3 5	25 17 16
	DEC. .	23 0 39	23 10 23		DEC. .	25 15 49	25 7 56
240. A. 25 0 11	JAN. .	26 13 24	27 2 39	237. E.D. 24 17 37	JAN. .	24 4 34	24 0 8
	FEB. .	25 2 8	25 15 50		FEB. .	22 17 18	22 17 13
	MAR. .	26 14 52	27 2 8		○	{ 8 11 40	8 17 32
	APRIL	25 3 36	25 10 13		MAR. .	{ 23 6 2	23 10 15
	○	{ 9 21 53	9 20 43		APRIL	21 18 46	22 2 15
	MAY .	{ 24 16 20	24 17 3		MAY .	21 7 30	21 16 23
	JUNE .	23 5 4	22 23 46		JUNE .	19 20 14	20 4 39
	JULY .	22 17 48	22 7 26		JULY .	19 8 53	19 15 9
	AUG. .	21 6 32	20 17 4		AUG. .	17 21 42	18 0 39
	SEPT. .	19 19 16	19 5 31		○	{ 1 16 4	1 5 44
	OCT. .	19 8 0	18 21 1		SEPT. .	{ 16 10 26	16 9 57
	○	{ 3 2 22	3 6 20		OCT. .	15 23 10	15 19 45
	NOV. .	{ 17 20 44	17 15 7		NOV. .	14 11 54	14 6 25
	DEC. .	17 9 23	17 10 34		DEC. .	14 0 33	13 18 4

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 236. c. March. d. h. m. 24 23 26	JAN. .	d. h. m. 12 13 22	d. h. m. 12 6 45	B.C. 233. G.F. March. d. h. m. 24 16 52	JAN. .	d. h. m. 10 4 32	d. h. m. 10 13 48
	FEB. .	{ 11 2 6	10 20 29		FEB. .	8 17 16	9 0 10
	○	{ 25 20 28	26 8 56		MAR. .	9 6 0	9 9 2
	MAR. .	12 14 50	12 11 14		APRIL	7 18 44	7 17 3
	APRIL	11 3 34	11 2 43		MAY .	7 7 28	7 1 5
	MAY .	10 16 18	10 18 22		JUNE .	{ 5 20 12	5 10 6
	JUNE .	9 5 2	9 9 32		○	{ 20 14 34	20 22 47
	JULY .	8 17 46	8 23 39		JULY .	5 8 56	4 21 8
	AUG. .	{ 7 6 30	7 12 30		AUG. .	3 21 40	3 10 45
	○	{ 22 2 52	21 12 53		SEPT. .	2 10 24	2 2 55
	SEPT. .	5 19 14	6 0 14		○	{ 1 23 8	1 20 56
	OCT. .	5 7 58	5 11 20		SEPT. .	{ 31 11 52	31 15 34
	NOV. .	3 20 42	3 22 12		NOV. .	30 0 36	30 9 24
	DEC. .	3 9 26	3 9 2		○	{ 14 18 58	14 10 57
					DEC. .	{ 29 13 20	30 1 17
235. B.	JAN. .	{ 1 22 11	1 19 55	232. E.	JAN. .	23 2 5	23 14 37
	FEB. .	{ 31 10 55	31 6 54		FEB. .	26 14 49	27 1 31
	...	...	...		MAR. .	28 3 38	28 9 59
25 5 15	MAR. .	{ 1 23 39	1 18 15	24 22 41	APRIL	26 16 17	26 17 17
	...	{ 31 12 23	31 6 24		MAY .	26 5 1	26 0 13
	APRIL	30 1 7	29 19 43		○	{ 9 23 23	10 6 17
	MAY .	29 13 51	29 10 13		JUNE .	{ 24 17 45	24 7 55
	JUNE .	28 2 35	28 1 36		JULY .	24 6 29	23 17 27
	JULY .	27 15 19	27 17 13		AUG. .	22 19 13	22 5 41
	○	{ 11 9 41	10 23 22		SEPT. .	21 7 57	20 20 59
	AUG. .	{ 26 4 3	26 8 25		OCT. .	20 20 41	20 14 55
	SEPT. .	24 16 47	24 22 45		NOV. .	19 9 25	19 10 17
	OCT. .	24 5 31	24 12 4		○	{ 4 3 47	4 0 40
	NOV. .	22 18 15	23 0 22		DEC. .	{ 18 22 9	19 5 30
	DEC. .	22 6 59	22 11 43				
234. A.	JAN. .	20 19 44	20 22 10	231. D.	JAN. .	17 10 53	17 22 55
	FEB. .	19 8 28	19 7 51		FEB. .	15 23 37	16 13 54
25 11 4	MAR. .	20 21 12	20 17 14	25 4 30	MAR. .	17 12 21	18 1 10
	APRIL	19 9 56	19 3 3		APRIL	16 1 5	16 10 10
	MAY .	18 22 40	18 14 3		MAY .	15 18 49	15 17 26
	JUNE .	17 11 24	17 2 53		JUNE .	14 2 33	14 0 5
	○	{ 2 5 46	2 8 36		JULY .	13 15 17	13 7 9
	JULY .	{ 17 0 8	16 17 40		AUG. .	12 4 1	11 15 46
	AUG. .	15 12 52	15 10 0		SEPT. .	10 16 45	10 2 50
	SEPT. .	14 1 36	14 3 4		OCT. .	10 5 29	9 16 54
	OCT. .	13 14 20	13 19 52		NOV. .	8 18 13	8 9 49
	NOV. .	12 3 4	12 11 33		DEC. .	8 6 57	8 4 45
	DEC. .	{ 11 15 48	12 1 38				
	○	{ 26 10 10	26 3 23				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 230.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 227.		<i>d. h. m.</i>	<i>d. h. m.</i>
<i>c.</i>				<i>f.</i>			
March.	JAN. .	6 19 42	7 0 12	March.	JAN. .	3 10 52	3 4 36
<i>d. h. m.</i>	FEB. .	5 8 26	5 18 30	<i>d. h. m.</i>	FEB. .	1 23 36	1 17 33
25 10 19	MAR. .	6 21 10	7 10 20	25 3 45	MAR. .	3 12 20	3 7 30
	APRIL	{ 5 9 54	5 23 10		APRIL	2 1 4	1 22 22
	○	{ 20 4 16	19 21 12		MAY .	{ 1 13 48	1 13 50
	MAY .	4 22 38	5 9 11			{ 31 2 32	31 5 17
	JUNE .	3 11 22	3 17 11		JUNE .	29 15 16	29 20 5
	JULY .	3 0 6	3 0 14		JULY .	29 4 0	29 9 47
	AUG. .	{ 1 12 50	1 7 27		AUG. .	27 16 44	27 22 20
		{ 31 1 34	30 15 49		SEPT. .	26 5 28	26 9 59
	SEPT. .	29 14 18	29 2 9		OCT. .	25 18 12	25 21 9
	○	{ 14 8 40	14 15 16		NOV. .	24 6 56	24 8 6
	OCT. .	{ 29 3 2	28 14 58		DEC. .	23 19 40	23 18 55
	NOV. .	27 15 46	27 6 20				
	DEC. .	27 4 30	26 23 45	226.	JAN. .	22 8 25	22 5 40
229.	JAN. .	25 17 15	25 18 13	<i>e.</i>	○	{ 6 2 47	6 15 1
<i>b.a.</i>	FEB. .	24 5 59	24 12 22		FEB. .	{ 20 21 9	20 16 33
24 16 8	MAR. .	24 18 43	25 4 55	25 9 34	MAR. .	22 9 53	22 3 56
	○	{ 8 18 5	8 9 8		APRIL	20 22 37	20 16 22
	APRIL	{ 23 7 27	23 19 8		MAY .	20 11 21	20 6 7
	MAY .	22 20 11	23 6 36		JUNE .	19 0 5	18 21 4
	JUNE .	21 8 55	21 16 3		JULY .	18 12 49	18 12 45
	JULY .	20 21 39	21 0 17		○	{ 2 7 11	1 23 5
	AUG. .	19 10 23	19 8 20		AUG. .	{ 17 1 33	17 4 28
	SEPT. .	17 23 7	17 17 6		SEPT. .	15 14 17	15 19 31
	○	{ 2 17 29	2 18 26		OCT. .	15 3 1	15 9 42
	OCT. .	{ 17 11 51	17 8 13		NOV. .	13 15 45	13 22 43
	NOV. .	16 0 35	15 15 1		DEC. .	13 4 29	13 10 38
	DEC. .	15 13 19	15 4 39	225.	JAN. .	{ 11 17 13	11 21 27
228.	JAN. .	14 2 3	13 19 55	<i>d.c.</i>	○	{ 26 11 35	26 15 52
<i>g.</i>	FEB. .	12 14 47	12 12 23		FEB. .	10 5 57	10 7 17
24 21 57	MAR. .	{ 14 3 31	14 5 19	24 15 23	MAR. .	10 18 41	10 16 31
	○	{ 28 21 53	29 1 29		APRIL	9 7 25	9 1 46
	APRIL	12 16 15	12 21 47		MAY .	8 20 9	8 11 51
	MAY .	12 4 59	12 12 54		JUNE .	7 8 53	6 23 34
	JUNE .	10 17 43	11 2 11		JULY .	{ 6 21 37	6 13 20
	JULY .	10 6 27	10 13 39		○	{ 21 15 59	21 16 3
	AUG. .	8 19 11	8 23 47		AUG. .	5 10 21	5 5 6
	SEPT. .	{ 7 7 55	7 9 20		SEPT. .	3 23 5	3 22 5
	○	{ 22 2 17	21 17 58		OCT. .	3 11 49	3 15 24
	OCT. .	6 20 39	6 19 4		NOV. .	2 0 33	2 8 0
	NOV. .	5 9 23	5 5 24		DEC. .	{ 1 13 17	1 23 7
	DEC. .	4 22 7	4 16 33			{ 31 2 1	31 12 17

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 224. B. March. d. h. m. 24 21 12		d. h. m.	d. h. m.	B.C. 221. F.E. March. d. h. m. 24 14 38		d. h. m.	d. h. m.
	JAN. .	29 14 45	29 23 26		JAN. .	27 5 56	27 13 25
	FEB. .	28 3 30	28 8 52		FEB. .	25 18 40	26 6 31
	MAR. .	29 16 14	29 17 2		MAR. .	26 7 24	26 20 48
	APRIL	28 4 58	28 1 12		APRIL	24 20 8	25 8 7
	MAY .	27 17 42	27 8 59		○	{ 9 14 30	9 6 39
	JUNE .	26 6 26	25 18 50		MAY .	{ 24 8 52	24 17 1
	JULY .	25 19 10	25 7 6		JUNE .	22 21 36	23 0 29
	AUG. .	24 7 54	23 22 7		JULY .	22 10 20	22 7 35
	SEPT. .	22 20 38	22 15 29		AUG. .	20 23 4	20 15 26
	OCT. .	22 9 22	22 10 10		SEPT. .	19 11 48	19 0 51
	NOV. .	20 22 6	21 4 44		OCT. .	19 0 32	18 12 27
	DEC. .	20 10 50	20 21 48		○	{ 2 18 54	3 2 49
					NOV. .	{ 17 13 16	17 2 33
					DEC. .	17 2 0	16 18 56
223. A. 25 3 1	JAN. .	18 23 34	19 12 28	220. D. 24 20 47	JAN. .	15 14 45	15 12 51
	FEB. .	17 12 19	18 0 23		FEB. .	14 8 29	14 7 7
	MAR. .	19 1 3	19 9 52		MAR. .	15 16 13	16 0 27
	APRIL	17 13 47	17 17 35		APRIL	14 4 57	14 15 47
	MAY .	{ 17 2 31	17 0 28		MAY .	13 17 41	14 4 35
	○	{ 31 20 53	{ 1 2 32		JUNE .	12 6 25	12 15 6
	JUNE .	15 15 15	{ 15 7 35		JULY .	11 19 9	11 23 58
	JULY .	15 3 59	14 16 4		AUG. .	10 7 53	10 8 12
	AUG. .	13 16 43	13 2 54		SEPT. .	8 20 37	8 16 48
	SEPT. .	12 5 27	11 16 45		OCT. .	8 9 21	8 2 16
	OCT. .	11 18 11	11 9 33		NOV. .	6 22 5	6 13 16
	NOV. .	{ 10 6 55	10 4 28		DEC. .	6 10 49	6 1 56
	○	{ 25 1 17	24 23 41				
	DEC. .	9 19 39	10 0 1				
222. G. 25 8 50	JAN. .	8 8 23	8 18 31	219. C. 25 2 16	JAN. .	4 23 38	4 16 15
	FEB. .	6 21 7	7 10 36		FEB. .	3 12 17	3 7 55
	MAR. .	8 9 51	8 23 38		MAR. .	{ 5 1 1	5 0 23
	APRIL	6 22 35	7 9 45		○	{ 19 19 23	20 1 32
	MAY .	{ 6 11 19	6 17 42		APRIL	3 18 45	3 17 4
	○	{ 21 5 41	21 3 17		MAY .	3 2 29	3 8 51
	JUNE .	5 0 3	5 0 30		JUNE .	1 15 13	1 23 8
	JULY .	4 12 47	4 7 15		○	{ 1 3 57	1 11 37
	AUG. .	3 1 31	2 15 3		JULY .	{ 30 16 41	30 22 34
	SEPT. .	1 14 15	{ 1 0 53		AUG. .	29 5 25	29 8 34
	○	{ 1 2 59	{ 30 13 30		○	{ 12 23 47	12 13 7
	OCT. .	{ 30 15 43	30 5 5		SEPT. .	{ 27 18 9	27 18 23
	○	{ 14 10 5	14 15 9		OCT. .	27 6 53	27 4 33
	NOV. .	{ 29 4 27	28 23 8		NOV. .	25 19 37	25 15 20
	DEC. .	28 17 11	28 18 27		DEC. .	25 8 21	25 2 51

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 218. B. March. <i>d. h. m.</i> 25 8 5		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 215. E. March. <i>d. h. m.</i> 25 1 31		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	23 21 6	23 15 8		○	{ 5 17 54	5 11 33
	FEB. .	22 9 50	22 4 17		JAN. .	{ 20 12 16	20 22 25
	○	{ 9 4 12	9 16 53		FEB. .	19 1 0	19 8 32
	MAR. .	{ 23 22 34	23 18 24		MAR. .	20 13 44	20 17 3
	APRIL	22 11 18	22 9 24		APRIL	19 2 28	19 0 41
	MAY .	22 0 2	22 0 49		MAY .	18 15 12	18 8 24
	JUNE .	20 12 46	20 16 3		JUNE .	17 3 56	16 17 12
	JULY .	20 1 30	20 6 32		○	{ 1 22 18	2 5 56
	AUG. .	18 14 14	18 19 55		JULY .	{ 16 16 40	16 4 10
	○	{ 2 8 36	1 18 31		AUG. .	15 5 24	14 17 50
	SEPT. .	{ 17 2 53	17 8 17		SEPT. .	13 18 8	13 10 15
	OCT. .	16 15 42	16 19 54		OCT. .	13 6 52	13 4 35
	NOV. .	15 4 26	15 7 7		NOV. .	11 19 36	11 23 34
	DEC. .	14 17 10	14 18 2		DEC. .	{ 11 8 20	11 17 39
					○	{ 26 2 42	25 19 36
217. A.G. 24 13 54	JAN. .	13 5 54	13 4 40	214. D. 25 7 20	JAN. .	9 21 4	10 9 33
	FEB. .	11 18 33	11 15 12		FEB. .	8 9 48	8 22 52
	MAR. .	12 7 22	12 2 0		MAR. .	9 22 32	10 9 23
	APRIL	10 20 6	10 13 33		APRIL	8 11 16	8 17 44
	MAY .	10 8 50	10 2 24		MAY .	8 0 0	8 0 48
	JUNE .	8 21 34	8 16 41		JUNE .	{ 6 12 44	6 7 36
	JULY .	8 10 18	8 8 9		○	{ 21 7 6	21 12 57
	AUG. .	{ 6 23 2	7 0 6		JULY .	6 1 28	5 15 15
	○	{ 21 17 24	21 7 16		AUG. .	4 14 12	4 0 50
	SEPT. .	5 11 46	5 15 50		SEPT. .	3 2 56	2 13 12
	OCT. .	5 0 30	5 6 47		OCT. .	2 15 40	{ 2 4 40
	NOV. .	3 13 14	3 20 33		○	{ 1 4 24	{ 31 22 45
	DEC. .	3 1 53	3 9 14		NOV. .	{ 30 17 8	30 18 15
216. F. 24 19 43	JAN. .	{ 1 14 43	1 20 35	213. C.D. 24 13 9	JAN. .	28 18 37	29 6 53
		{ 31 3 27	31 6 45		FEB. .	27 7 21	27 21 23
	FEB. .	...	...		MAR. .	27 20 5	28 8 49
	MAR. .	{ 1 16 11	1 16 2		APRIL	26 8 49	26 17 41
		{ 31 4 55	31 0 56		MAY .	25 21 33	26 0 55
	APRIL	29 17 39	29 10 16		JUNE .	24 10 17	24 7 33
	MAY .	29 6 23	28 20 54		JULY .	23 23 1	23 14 47
	JUNE .	27 19 7	27 9 33		AUG. .	22 11 45	21 23 35
	○	{ 12 13 29	12 16 5		SEPT. .	21 0 29	20 10 50
	JULY .	{ 27 7 51	27 0 24		OCT. .	20 13 13	20 1 0
	AUG. .	25 20 35	25 17 2		NOV. .	19 1 57	18 17 56
	SEPT. .	24 9 19	24 10 33		DEC. .	18 14 41	18 12 44
	OCT. .	23 22 3	24 3 53				
	NOV. .	22 10 47	22 20 1				
	DEC. .	21 23 31	22 10 17				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 212.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 209.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March.	JAN. .	17 3 26	17 7 59	E.D. March.	JAN. .	14 18 35	14 13 9
<i>d. h. m.</i>	FEB. .	15 16 10	16 2 1	<i>d. h. m.</i>	FEB. .	13 7 20	13 1 35
24 18 57	MAR. .	17 4 54	17 17 41	24 12 24	MAR. .	13 20 4	13 14 55
	APRIL	15 17 38	16 6 25		APRIL	12 8 43	12 5 13
	○	30 12 0	30 4 16		MAY .	11 21 32	11 20 20
	MAY .	15 6 22	15 16 26		JUNE .	10 10 16	10 11 45
	JUNE .	13 19 6	14 0 32		JULY .	9 23 0	10 2 48
	JULY .	13 7 50	13 7 48		AUG. .	8 11 44	8 16 58
	AUG. .	11 20 34	11 15 20		SEPT. .	7 0 23	7 6 7
	SEPT. .	10 9 18	10 0 0		OCT. .	6 13 12	6 18 22
	OCT. .	9 22 2	9 10 34		NOV. .	5 1 56	5 5 58
	○	24 16 24	24 23 29		DEC. .	4 14 40	4 17 4
	NOV. .	8 10 46	7 23 28				
	DEC. .	7 23 30	7 14 41	203.	JAN. .	3 3 24	3 3 47
211.	JAN. .	6 12 14	6 7 46	C.	FEB. .	1 16 8	1 14 11
G.	FEB. .	5 0 58	5 1 47		○	16 10 30	16 22 39
25 0 46	MAR. .	6 13 42	6 19 31	24 18 13	MAR. .	3 4 52	3 0 32
	APRIL	5 2 26	5 11 50		APRIL	1 17 36	1 11 20
	○	19 20 43	19 16 39		MAY .	1 6 20	30 23 16
	MAY .	4 15 10	5 1 55		(30 19 4	80 12 41	
	JUNE .	3 3 54	3 13 35		JUNE .	29 7 48	29 3 31
	JULY .	2 16 38	2 23 19		JULY .	28 20 32	28 19 29
	AUG. .	1 5 22	1 7 56		○	12 14 54	12 6 55
	(30 18 6	30 16 25			AUG. .	27 9 16	27 11 39
	SEPT. .	29 6 50	29 1 34		SEPT. .	25 22 0	26 3 21
	○	14 1 12	14 2 8		OCT. .	25 10 44	25 18 3
	OCT. .	23 19 34	23 11 57		NOV. .	23 23 28	24 7 28
	NOV. .	27 8 13	26 23 47		DEC. .	23 12 12	23 19 29
	DEC. .	26 21 2	26 13 9				
210.	JAN. .	25 9 47	25 3 57	207.	JAN. .	22 0 57	22 6 9
F.	FEB. .	23 22 31	23 19 51	B.	○	5 19 19	5 23 24
25 6 35	MAR. .	25 11 15	25 12 16		FEB. .	20 13 41	20 15 39
	○	9 5 37	9 9 17	25 0 2	MAR. .	22 2 25	22 0 26
	APRIL	23 23 59	24 4 25		APRIL	20 15 9	20 9 12
	MAY .	23 12 43	23 19 29		MAY .	20 3 53	19 18 53
	JUNE .	22 1 27	22 9 0		JUNE .	18 16 37	18 6 21
	JULY .	21 14 11	21 20 52		JULY .	18 5 21	17 20 5
	AUG. .	20 2 55	20 7 31		○	1 23 43	1 23 47
	SEPT. .	18 15 39	18 17 33		AUG. .	16 18 5	16 12 0
	○	3 10 1	3 1 34		SEPT. .	15 6 49	15 5 25
	OCT. .	18 4 23	18 3 46		OCT. .	14 19 33	14 23 13
	NOV. .	16 17 7	16 14 20		NOV. .	13 8 17	13 16 18
	DEC. .	16 5 51	16 1 27		DEC. .	12 21 1	13 7 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 206.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 203.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March. <i>d. h. m.</i> 25 5 50	JAN. .	11 9 46	11 20 56	D. March. <i>d. h. m.</i> 24 23 17	JAN. .	8 0 55	8 2 18
	FEB. .	9 22 30	10 7 55		FEB. .	6 18 39	6 20 59
	MAR. .	11 11 14	11 16 59		MAR. .	8 2 23	8 13 51
	APRIL	9 23 58	10 0 47		APRIL	6 15 7	7 3 59
	MAY .	9 12 42	9 8 11		MAY .	{ 6 3 51	6 15 17
	JUNE .	8 1 26	7 16 11		○	{ 20 22 13	20 13 30
	JULY .	7 14 10	7 1 54		JUNE .	4 16 35	5 0 16
	AUG. .	6 2 54	5 14 12		JULY .	4 5 19	4 7 56
	SEPT. .	4 15 38	4 5 22		AUG. .	2 18 3	{ 2 15 22
	OCT. .	4 4 22	3 23 1		SEPT. .	{ 1 6 47	{ 31 23 31
	NOV. .	2 17 6	2 18 2		○	{ 30 19 31	30 9 13
	DEC. .	{ 2 5 50	2 12 53		OCT. .	30 8 15	29 20 59
		{ 31 18 34	...		○	{ 14 2 37	14 11 16
205. G.F.	JAN. .	{ ...	1 6 6	202. C.	JAN. .	26 22 28	26 20 36
24 11 39	FEB. .	{ 30 7 18	30 20 43	25 5 6	FEB. .	25 11 12	25 14 24
	MAR. .	28 20 2	29 8 27		MAR. .	26 23 56	27 7 23
	APRIL	29 8 46	29 17 40		APRIL	25 12 40	25 22 34
	MAY .	27 21 30	28 1 10		MAY .	25 1 24	25 11 28
	○	{ 11 4 36	11 9 4		JUNE .	23 14 8	23 22 13
	JUNE .	{ 25 22 58	25 14 57		JULY .	23 2 52	23 7 23
	JULY .	25 11 42	24 23 29		AUG. .	21 15 36	21 16 8
	AUG. .	24 0 26	23 10 26		SEPT. .	20 4 20	20 1 4
	SEPT. .	22 13 10	22 0 25		OCT. .	19 17 4	19 10 57
	OCT. .	22 1 54	21 17 22		NOV. .	18 5 48	17 22 4
	NOV. .	20 14 38	20 12 26		DEC. .	17 18 32	17 10 36
	○	{ 5 9 0	5 8 39				
	DEC. .	{ 20 8 22	20 8 0				
204. E.	JAN. .	18 16 7	19 2 23	201. D.A.	JAN. .	16 7 17	16 0 31
24 17 28	FEB. .	17 4 51	17 18 25	24 10 55	FEB. .	14 20 1	14 15 39
	MAR. .	18 17 35	19 7 17		MAR. .	{ 15 8 45	15 7 35
	APRIL	17 6 19	17 17 17		○	{ 30 3 7	30 9 24
	MAY .	{ 16 19 3	17 1 9		APRIL	13 21 29	13 23 46
	○	{ 31 13 25	31 9 46		MAY .	13 10 13	13 15 23
	JUNE .	15 7 47	15 7 57		JUNE .	11 22 57	12 5 48
	JULY .	14 20 31	14 14 50		JULY .	11 11 41	11 18 38
	AUG. .	13 9 15	12 22 49		AUG. .	10 0 25	10 6 5
	SEPT. .	11 21 59	11 8 53		SEPT. .	{ 8 13 9	8 16 39
	OCT. .	11 10 43	10 21 38		○	{ 23 7 31	22 20 40
	NOV. .	{ 9 23 27	9 13 15		OCT. .	8 1 53	8 2 58
	○	{ 24 17 49	25 0 1		NOV. .	6 14 37	6 13 25
	DEC. .	9 12 11	9 7 13		DEC. .	6 8 21	6 0 18

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 200.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 197.		<i>d. h. m.</i>	<i>d. h. m.</i>
G. March.	JAN. .	4 16 5	4 11 35	D.C.	JAN. O	{ 2 7 15	{ 2 18 53
<i>d. h. m.</i>	FEB. .	3 4 49	2 23 23			{ 17 1 37	{ 16 19 37
24 16 43	MAR. .	{ 4 17 33	4 11 56	March.	FEB. .	{ 31 19 59	{ ...
	O	{ 19 11 55	20 0 39	<i>d. h. m.</i>		{ ...	{ 1 6 54
	APRIL .	3 6 17	3 1 27	24 10 10	MAR. .	{ 1 8 43	{ 1 16 44
	MAY .	2 19 1	2 16 0			{ 30 21 27	{ 31 0 54
	JUNE .	{ 1 7 45	1 7 15		APRIL .	29 10 11	29 8 13
		{ 30 20 29	30 22 37		MAY .	28 22 55	28 15 40
	JULY .	30 9 13	30 13 28		JUNE .	27 11 39	27 0 21
	AUG. .	28 21 57	29 3 26		O	{ 12 6 1	{ 12 13 6
	O	{ 12 16 19	12 2 25		JULY .	{ 27 0 23	{ 26 11 16
	SEPT. .	{ 27 10 41	27 16 24		AUG. .	25 18 7	25 1 4
	OCT. .	26 23 25	27 4 33		SEPT. .	24 1 51	23 17 42
	NOV. .	25 12 9	25 16 1		OCT. .	23 14 35	23 12 20
	DEC. .	25 0 53	25 2 56		NOV. .	22 8 19	22 7 36
					DEC. .	21 16 8	22 1 51
199.	JAN. .	23 13 33	23 13 21		O	{ 5 10 25	{ 5 2 9
F.	FEB. .	22 2 22	21 23 25	196.	JAN. .	{ 20 4 48	{ 20 17 52
24 22 32	MAR. .	23 15 6	23 9 39	D.	FEB. .	{ 18 17 32	{ 19 6 58
	APRIL .	22 3 50	21 20 41	24 15 59	MAR. .	20 6 16	20 17 15
	MAY .	21 16 34	21 9 7		APRIL .	18 19 0	19 1 23
	JUNE .	20 5 18	19 23 13		MAY .	18 7 44	18 8 17
	JULY .	19 13 2	19 14 47		JUNE .	16 20 28	16 15 1
	AUG. .	18 6 46	18 7 7		O	{ 1 14 50	{ 1 19 36
	O	{ 2 1 8	1 15 19		JULY .	{ 16 9 12	{ 15 22 41
	SEPT. .	{ 16 19 30	16 23 25		AUG. .	14 21 56	14 8 23
	OCT. .	16 8 14	16 14 57		SEPT. .	13 10 40	12 20 54
	NOV. .	14 20 53	15 5 15		OCT. .	12 23 24	12 12 31
	DEC. .	14 9 42	14 18 4		NOV. .	11 12 8	11 6 43
					DEC. .	{ 11 0 52	{ 11 2 14
198.	JAN. .	12 22 27	13 5 23	195.	O	{ 25 19 14	{ 23 18 32
E.	FEB. .	11 11 11	11 15 15	A.	JAN. .	9 13 37	9 21 25
25 4 21	MAR. .	12 23 55	13 0 5	24 21 43	FEB. .	8 2 21	8 14 42
	APRIL .	11 12 39	11 8 32		MAR. .	9 15 5	10 5 8
	MAY .	11 1 23	10 17 27		APRIL .	8 3 49	8 16 20
	JUNE .	9 14 7	9 3 43		MAY .	7 13 33	8 1 6
	JULY .	{ 9 2 51	8 16 19		JUNE .	6 5 17	6 8 19
	O	{ 23 21 13	23 23 41		JULY .	5 13 1	5 15 4
	AUG. .	7 15 35	7 7 16		AUG. .	4 6 45	4 22 30
	SEPT. .	6 4 19	6 0 12		SEPT. .	2 19 29	2 7 33
	OCT. .	5 17 3	5 18 11		OCT. .	{ 2 8 13	{ 1 18 59
	NOV. .	4 5 47	4 12 0			{ 31 20 57	{ 31 9 15
	DEC. .	3 18 31	4 4 29		NOV. .	30 9 41	30 2 6
					DEC. .	29 22 25	29 20 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 194. G. March. d. h. m. 25 3 36	JAN. .	d. h. m. 28 11 9	d. h. m. 28 15 37	B.C. 191. C. March. d. h. m. 24 21 3	JAN. .	d. h. m. 25 2 19	d. h. m. 24 21 38
	FEB. .	26 23 53	27 9 24		FEB. .	23 15 3	23 9 30
	MAR..	28 12 37	29 0 52		MAR..	25 3 47	21 22 13
	APRIL	27 1 21	27 13 32		APRIL	23 16 31	23 12 1
	O	{11 19 43	11 11 17		MAY .	23 5 15	23 2 48
	MAY .	{26 14 5	26 23 36		JUNE .	21 17 59	21 18 11
	JUNE .	25 2 49	25 7 54		JULY .	21 6 43	21 9 32
	JULY .	24 15 33	24 15 26		AUG..	19 19 27	20 0 14
	AUG..	23 4 17	22 23 18		SEPT..	18 8 11	18 14 0
	SEPT..	21 17 1	21 8 19		OCT. .	17 20 55	18 2 48
	OCT. .	21 5 45	20 19 7		NOV. .	16 9 39	16 14 47
	O	{5 0 7	5 7 45		DEC. .	15 22 23	16 2 2
	NOV. .	{19 18 29	19 8 1				
	DEC. .	19 7 13	18 23 1				
193. F.E. 24 9 25	JAN. .	17 19 58	17 15 43	190. B. 25 2 52	JAN. .	14 11 7	14 12 33
	FEB. .	16 8 42	16 9 15		FEB. .	{12 23 52	12 22 35
	MAR..	16 21 26	17 2 31		O	{27 18 14	28 6 9
	APRIL	{15 10 10	15 18 39		MAR..	14 12 36	14 8 24
	O	{30 4 32	30 0 7		APRIL	13 1 20	12 18 40
	MAY .	14 22 54	15 8 43		MAY .	12 14 4	12 6 7
	JUNE .	13 11 38	13 20 34		JUNE .	11 2 48	10 19 15
	JULY .	13 0 22	13 6 33		JULY .	10 15 32	10 10 9
	AUG..	11 13 6	11 15 42		AUG..	{9 4 16	9 2 20
	SEPT..	10 1 50	10 0 39		O	{23 22 33	23 14 54
	OCT. .	{9 14 34	9 10 11		SEPT..	7 17 0	7 18 59
	O	{24 8 56	24 9 57		OCT. .	7 5 44	7 11 16
	NOV. .	8 3 18	7 20 47		NOV. .	5 18 28	6 2 30
	DEC. .	7 16 2	7 8 34		DEC. .	5 7 12	5 16 14
192. D. 24 15 14	JAN. .	6 4 46	5 21 36	189. A.G. 24 8 41	JAN. .	3 19 56	4 4 17
	FEB. .	4 17 30	4 11 54		FEB. .	{2 8 40	2 14 44
	MAR..	6 6 15	6 3 12		O	{17 3 2	17 6 48
	APRIL	{4 18 59	4 19 6		MAR..	2 21 24	2 23 52
	O	{19 13 21	19 16 57		APRIL	{1 10 8	1 8 11
	MAY .	4 7 43	4 10 58			{30 22 52	30 16 31
	JUNE .	2 20 27	3 2 3		MAY .	30 11 36	30 1 53
	JULY .	{2 9 11	2 15 49		JUNE .	29 0 20	28 13 10
		{31 21 55	{1 4 10		JULY .	28 18 4	28 2 55
	AUG. .	30 10 39	{30 15 22		O	{12 7 26	12 7 38
	SEPT. .	28 23 23	29 2 1			{27 1 43	26 19 4
	O	{13 17 45	13 9 18		SEPT. .	25 14 32	25 12 52
	OCT. .	{28 12 7	28 12 34		OCT. .	25 3 16	25 7 8
	NOV. .	27 0 51	26 23 19		NOV. .	23 16 0	24 0 36
	DEC. .	26 13 35	26 10 19		DEC. .	23 4 44	23 16 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 188. F.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 185. C.B.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 24 14 29	JAN. .	21 17 29	22 5 26	March. <i>d. h. m.</i> 24 7 56	JAN. .	19 8 39	19 9 54
	○	{ 5 11 51	5 7 37		FEB. .	17 21 23	18 4 26
	FEB. .	20 6 13	20 16 12		MAR. .	18 10 7	18 21 2
	MAR. .	21 18 57	22 0 57		APRIL	16 22 51	17 11 4
	APRIL	20 7 41	20 8 25		MAY .	{ 16 11 35	16 22 23
	MAY .	19 20 25	19 15 32		○	{ 31 5 57	30 20 21
	JUNE .	18 9 9	17 23 24		JUNE .	15 0 19	15 7 32
	JULY .	17 21 53	17 9 5		JULY .	14 13 3	14 15 27
	○	{ 1 16 15	1 22 2		AUG. .	13 1 47	12 23 14
	AUG. .	{ 16 10 37	15 21 27		SEPT. .	11 14 31	11 7 46
	SEPT. .	14 23 21	14 12 48		OCT. .	11 3 15	10 17 45
	OCT. .	14 12 5	14 6 42		NOV. .	{ 9 15 59	9 5 38
	NOV. .	13 0 49	13 1 58		○	{ 24 10 21	24 19 44
	DEC. .	12 13 33	12 20 59		DEC. .	9 4 43	8 19 32
187. E. 24 20 18	JAN. .	11 2 18	11 14 17	184. A. 24 13 45	JAN. .	7 17 28	7 11 16
	FEB. .	9 15 2	10 4 49		FEB. .	6 6 12	6 4 14
	MAR. .	11 3 46	11 16 23		MAR. .	7 18 56	7 21 34
	APRIL	9 16 30	10 1 23		APRIL	6 7 40	6 14 13
	MAY .	9 5 14	9 8 41		MAY .	5 20 24	6 5 18
	JUNE .	7 17 58	7 15 19		JUNE .	4 9 8	4 18 19
	JULY .	7 6 42	6 22 24		JULY .	3 21 52	4 5 22
	AUG. .	5 19 26	5 7 2		AUG. .	{ 2 10 36	2 15 3
	SEPT. .	4 8 10	3 18 8		{ 31 23 20	{ 1 0 11	30 9 35
	OCT. .	3 20 54	3 8 17		SEPT. .	30 12 4	29 19 45
	NOV. .	2 9 38	2 1 20		OCT. .	30 0 48	28 19 45
	DEC. ○	{ 1 22 22	1 20 24		NOV. .	28 13 32	28 6 56
		{ 16 16 44	16 17 38		DEC. .	28 2 16	27 19 15
		{ 31 11 6	31 15 56				
186. D. 25 2 7	JAN. .	29 23 50	30 10 12	183. G. 24 19 34	JAN. .	26 15 0	26 8 41
	FEB. .	28 12 34	...		FEB. .	25 3 44	24 23 12
	MAR. .	{ ...	1 2 2		MAR. .	26 16 28	26 14 36
	APRIL	{ 30 1 18	30 14 46		○	{ 10 10 50	10 17 8
	MAY .	28 2 46	28 8 31		APRIL	{ 25 5 12	25 6 23
	○	{ 11 21 8	11 16 13		MAY .	24 17 56	24 21 52
	JUNE .	{ 26 15 30	26 15 26		JUNE .	23 6 40	23 12 26
	JULY .	26 4 14	25 22 30		JULY .	22 19 24	23 1 41
	AUG. .	24 16 58	24 6 45		AUG. .	21 8 8	21 13 41
	SEPT. .	23 5 42	22 17 2		SEPT. .	19 20 52	20 0 50
	OCT. .	22 18 26	22 5 55		○	{ 4 15 14	4 4 22
	NOV. .	21 7 10	20 21 30		OCT. .	{ 19 9 36	19 11 36
	○	{ 6 1 32	6 8 52		NOV. .	17 22 20	17 22 22
	DEC. .	{ 20 19 54	20 15 14		DEC. .	17 11 4	17 9 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 182.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 179.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				B.			
March.	JAN. .	15 23 49	15 20 15	March.	JAN. .	{ 12 14 59	13 3 22
<i>d. h. m.</i>	FEB. .	14 12 38	14 7 33	O		{ 27 9 21	27 3 38
25 1 22	MAR. .	{ 16 1 17	15 19 30	<i>d. h. m.</i>	FEB. .	11 3 43	11 15 15
	O	{ 30 19 39	31 8 7	24 18 49	MAR. .	12 16 27	13 0 49
	APRIL	14 14 1	14 8 27		APRIL	11 5 11	11 8 40
	MAY .	14 2 45	13 22 35		MAY .	10 17 55	10 15 42
	JUNE .	12 15 29	12 13 42		JUNE .	9 6 39	8 22 58
	JULY .	12 4 13	12 5 13		JULY .	{ 8 19 23	8 7 35
	AUG. .	10 16 57	10 20 31		O	{ 23 13 45	23 20 21
	SEPT. .	{ 9 5 41	9 11 5		AUG. .	7 8 7	6 18 33
	O	{ 24 0 3	23 10 26		SEPT. .	5 20 51	5 8 19
	OCT. .	8 18 25	9 0 39		OCT. .	5 9 35	5 1 18
	NOV. .	7 7 9	7 13 16		NOV. .	3 22 19	3 20 11
	DEC. .	6 19 53	7 0 58		DEC. .	3 11 3	3 15 39
181.	JAN. .	5 8 38	5 11 49	178.	JAN. O	{ 1 23 43	2 10 0
E.D.	FEB. .	3 21 22	3 21 54	A.		{ 16 18 10	16 12 47
24 7 11	MAR. .	{ 4 10 6	4 7 30		FEB. .	... ..	1 1 57
	O	{ 19 4 23	19 17 15	23 0 38	MAR. .	{ 2 1 16	2 14 54
	APRIL	2 22 50	2 17 12			{ 31 14 0	{ 1 1 0
	MAY .	2 11 34	{ 2 3 44		APRIL	30 2 44	{ 30 3 57
	JUNE .	{ 1 0 18	{ 31 15 50		MAY .	29 15 28	29 15 44
		{ 30 13 2	30 5 48		JUNE .	28 4 12	27 22 28
	JULY .	30 1 46	29 21 30		O	{ 12 22 34	13 2 19
	AUG. .	28 14 30	28 14 13		JULY .	{ 27 16 56	27 6 15
	O	{ 12 8 52	11 23 30		AUG. .	26 5 40	25 16 6
	SEPT. .	{ 27 3 14	27 7 5		SEPT. .	24 18 24	24 4 47
	OCT. .	26 15 58	26 23 10		OCT. .	24 7 8	23 20 29
	NOV. .	25 4 42	25 13 53		NOV. .	22 19 52	22 14 45
	DEC. .	24 17 26	25 2 51		DEC. .	22 8 36	22 10 11
180.	JAN. .	23 6 10	23 14 1	177.	O	{ 6 2 53	6 3 24
C.	FEB. .	21 18 54	21 28 35	G.F.	JAN. .	{ 20 21 20	21 5 13
24 13 0	MAR. .	23 7 33	23 8 2	24 6 27	FEB. .	19 10 4	19 22 18
	APRIL	21 20 22	21 16 2		MAR. .	19 22 48	20 12 30
	MAY .	21 9 6	21 0 35		APRIL	18 11 32	18 23 42
	JUNE .	19 21 50	19 10 43		MAY .	18 0 16	18 8 26
	JULY .	19 10 34	18 23 10		JUNE .	16 13 0	16 15 44
	AUG. .	17 23 13	17 14 15		JULY .	16 1 44	15 22 40
	SEPT. .	16 12 2	16 7 29		AUG. .	14 14 28	14 6 21
	OCT. .	16 0 46	16 1 54		SEPT. .	13 3 12	12 15 39
	NOV. .	14 18 30	14 20 8		OCT. .	12 15 56	12 3 18
	DEC. .	14 2 14	14 12 58		NOV. .	11 4 40	10 17 34
					DEC. .	10 17 24	10 10 17

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 176.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 173.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	9 6 9	9 4 34	March.	JAN. .	6 21 19	6 19 7
<i>d. h. m.</i>	FEB. .	7 18 53	7 23 8	<i>d. h. m.</i>	FEB. .	5 10 3	5 6 2
24 12 15	MAR. .	9 7 37	9 16 37	24 5 42	MAR. .	5 22 47	5 17 20
	APRIL .	7 20 21	8 7 54		APRIL .	4 11 31	4 5 26
	MAY .	{ 7 9 5	7 20 33		MAY .	4 0 15	3 18 44
	○	{ 22 3 27	21 18 19		JUNE .	2 12 59	2 9 18
	JUNE .	5 21 49	6 6 45		JULY .	{ 2 1 43	2 0 48
	JULY .	5 10 33	5 15 18			{ 31 14 27	31 16 23
	AUG. .	3 23 17	3 23 12		AUG. .	30 8 11	30 7 37
	SEPT. .	2 12 1	2 7 26		SEPT. .	28 15 55	28 22 0
					OCT. .	28 4 39	28 11 22
	OCT. .	{ 2 0 45	1 16 48		NOV. .	26 17 23	26 23 39
	○	{ 31 13 29	31 3 47		DEC. .	26 6 7	26 10 56
	NOV. .	{ 15 7 51	15 16 2				
	DEC. .	{ 30 2 13	29 16 39				
		29 14 57	29 7 21				
175.	JAN. .	28 3 41	27 23 33	172.	JAN. .	24 18 51	24 21 16
D.	FEB. .	26 16 25	26 16 33	G.	FEB. .	23 7 35	23 6 50
24 18 4	MAR. .	28 5 9	28 9 27	24 11 31	○	{ 10 1 57	10 18 27
	APRIL .	26 17 53	27 1 19		MAR. .	{ 24 20 19	24 16 9
	○	{ 11 12 15	11 7 31		APRIL .	23 9 8	23 1 55
	MAY .	{ 26 6 37	26 15 25		MAY .	22 21 47	22 12 58
	JUNE .	24 19 21	25 3 33		JUNE .	21 10 31	21 1 52
	JULY .	24 8 5	24 14 1		JULY .	20 23 15	20 16 47
	AUG. .	22 20 49	22 23 34		AUG. .	19 11 59	19 9 15
	SEPT. .	21 9 33	21 9 0		○	{ 8 6 21	2 23 0
	OCT. .	20 22 17	20 18 55		SEPT. .	{ 18 0 43	18 2 25
	○	{ 4 16 39	4 17 48		OCT. .	17 18 27	17 19 15
	NOV. .	{ 19 11 1	19 5 38		NOV. .	16 2 11	16 10 58
	DEC. .	18 23 45	18 17 20		DEC. .	15 14 55	16 0 57
174.	JAN. .	17 12 30	17 6 2	171.	JAN. .	14 8 40	14 13 0
C.	FEB. .	16 1 14	15 19 44	H.	FEB. .	{ 12 18 24	12 23 12
24 23 53	MAR. .	17 13 58	17 10 26	24 17 20	○	{ 27 10 43	27 14 5
	APRIL .	{ 16 2 42	16 1 51		MAR. .	14 5 8	14 7 56
	○	{ 30 21 4	{ 1 0 31		APRIL .	12 17 52	12 15 52
	MAY .	15 15 26	{ 15 17 27		MAY .	12 6 36	11 23 50
	JUNE .	14 4 10	14 8 35		JUNE .	10 19 20	10 8 56
	JULY .	13 16 54	13 22 41		JULY .	10 8 4	9 20 6
	AUG. .	12 5 38	12 11 32		AUG. .	{ 8 20 48	8 9 54
	SEPT. .	10 18 22	10 23 20		○	{ 23 15 10	23 15 35
	OCT. .	{ 10 7 6	10 10 31		SEPT. .	7 9 32	7 2 15
	○	{ 25 1 28	24 17 9		OCT. .	6 22 16	6 20 26
	NOV. .	8 19 50	8 21 24		NOV. .	5 11 0	5 15 8
	DEC. .	8 8 34	8 8 16		DEC. .	4 23 44	5 8 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 170. E. March. d. h. m. 24 23 8		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 167. A. March. d. h. m. 24 16 85		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	8 12 29	4 0 40		JAN. .	29 16 23	29 17 43
	FEB. .	{ 2 1 13	2 13 47		FEB. .	28 5 7	28 11 43
	○	16 19 35	16 15 17		MAR. .	29 17 51	30 4 4
	MAR. .	8 13 57	4 0 21		APRIL	28 6 35	28 13 3
	APRIL	2 2 41	2 8 49		MAY .	27 19 19	28 5 26
	MAY .	{ 1 15 25	1 15 59		○	{ 11 13 41	11 3 15
	JUNE .	81 4 9	30 22 56		JUNE .	{ 26 8 8	26 14 49
	JULY .	29 16 53	29 6 41		JULY .	25 20 47	25 23 6
	○	{ 12 23 59	13 5 34		AUG. .	24 9 31	24 7 15
	AUG. .	{ 27 18 21	27 4 51		SEPT. .	22 22 15	22 16 9
	SEPT. .	26 7 5	25 20 22		OCT. .	22 10 59	22 2 24
	OCT. .	25 19 49	25 14 20		NOV. .	20 23 43	20 14 20
	NOV. .	24 8 33	24 9 55		○	{ 5 18 5	6 4 12
	DEC. .	23 21 17	24 5 4		DEC. .	{ 20 12 27	20 4 2
169. D.C. 24 4 57	JAN. .	22 10 1	22 22 20	166. G. 24 22 24	JAN. .	19 1 11	18 19 19
	FEB. .	20 22 45	21 12 44		FEB. .	17 18 55	17 11 45
	MAR. .	21 11 29	22 0 7		MAR. .	19 2 39	19 4 35
	APRIL	20 0 13	20 8 56		APRIL	17 15 23	17 20 56
	MAY .	19 12 57	19 16 8		MAY .	17 4 7	17 11 56
	JUNE .	18 1 41	17 22 45		JUNE .	15 16 51	16 1 8
	JULY .	17 14 25	17 5 55		JULY .	15 5 35	15 12 33
	AUG. .	16 3 9	15 14 43		AUG. .	13 18 19	13 22 43
	SEPT. .	14 15 53	14 2 0		SEPT. .	12 7 3	12 8 22
	OCT. .	14 4 37	13 16 17		OCT. .	11 19 47	11 18 11
	NOV. .	12 17 21	12 9 23		NOV. .	10 8 31	10 4 36
	DEC. .	{ 12 6 5	12 4 23		DEC. .	9 21 15	9 15 49
	○	{ 27 0 27	27 2 32				
168. E. 24 10 46	JAN. .	10 18 50	10 23 46	165. F.E. 24 4 18	JAN. .	8 10 0	8 3 52
	FEB. .	9 7 34	9 17 53		FEB. .	6 22 44	6 16 48
	MAR. .	10 20 18	11 9 30		MAR. .	7 11 23	7 6 41
	APRIL	9 9 2	9 22 8		APRIL	{ 6 0 12	5 21 31
	MAY .	8 21 43	9 7 53		○	{ 20 18 34	21 0 47
	JUNE .	{ 7 10 30	7 15 53		MAY .	5 12 56	5 12 56
	○	{ 22 4 52	21 22 45		JUNE .	4 1 40	4 4 22
	JULY .	6 23 14	6 22 57		JULY .	3 14 24	3 19 7
	AUG. .	5 11 53	5 6 16		AUG. .	{ 2 3 3	2 3 50
	SEPT. .	4 0 42	3 14 48		SEPT. .	{ 31 15 52	31 21 25
	OCT. .	3 18 26	3 1 20		○	{ 30 4 36	30 9 3
	NOV. .	2 2 10	1 14 19		OCT. .	{ 14 22 53	14 12 14
	DEC. ○	{ 1 14 54	1 5 49		NOV. .	{ 29 17 20	29 20 21
		{ 16 9 16	16 17 43		DEC. .	28 6 4	28 7 20
		{ 31 8 33	30 23 17			27 18 43	27 18 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 164.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 161.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	26 7 33	26 4 50	A.G.	JAN. .	23 22 42	24 11 44
March.	FEB. .	24 20 17	24 15 37	March.	○	{ 7 17 4	7 11 32
<i>d. h. m.</i>	MAR. .	26 9 1	26 2 57	<i>d. h. m.</i>	FEB. .	{ 22 11 26	22 23 26
24 10 1	○	{ 10 8 23	10 15 47	24 3 23	MAR. .	23 0 10	23 8 43
	APRIL	{ 24 21 45	24 15 23		APRIL	21 12 54	21 16 17
	MAY .	24 10 29	24 5 10		MAY .	21 1 38	20 23 8
	JUNE .	22 23 13	22 20 10		JUNE .	19 14 22	19 6 18
	JULY .	22 11 57	22 11 54		JULY .	19 3 6	18 14 54
	AUG. .	21 0 41	21 3 40		○	{ 2 21 28	3 3 39
	SEPT. .	19 13 25	19 18 50		AUG. .	{ 17 15 50	17 1 57
	○	{ 4 7 47	3 18 37		SEPT. .	16 4 34	15 16 2
	OCT. .	{ 19 2 9	19 9 0		OCT. .	15 17 18	15 9 2
	NOV. .	17 14 53	17 22 1		NOV. .	14 6 2	14 4 5
	DEC. .	17 3 87	17 9 53		DEC. .	13 18 46	13 23 47
163.	JAN. .	15 16 21	15 20 36	160.	JAN. .	{ 12 7 31	12 18 0
C.	FEB. .	14 5 5	14 6 20	F.	○	{ 27 1 53	26 21 14
24 15 50	MAR. .	{ 15 17 49	15 15 23	24 9 17	FEB. .	10 20 15	11 9 52
	○	{ 30 12 11	31 0 25		MAR. .	12 8 59	12 22 40
	APRIL	14 6 33	14 0 37		APRIL	10 21 43	11 8 35
	MAY .	13 19 17	13 10 43		MAY .	10 10 27	10 16 25
	JUNE .	12 8 1	11 22 32		JUNE .	8 23 11	8 23 10
	JULY .	11 20 45	11 12 26		JULY .	{ 8 11 55	8 5 59
	AUG. .	10 9 29	10 4 19		○	{ 23 6 17	23 9 5
	SEPT. .	{ 8 22 13	8 21 27		AUG. .	7 0 39	6 13 55
	○	{ 23 16 35	23 7 51		SEPT. .	5 13 23	4 23 58
	OCT. .	8 10 57	8 14 50		OCT. .	5 2 7	4 12 48
	NOV. .	6 23 41	7 7 27		NOV. .	3 14 51	3 4 35
	DEC. .	6 12 25	6 22 29		DEC. .	3 3 35	2 22 45
162.	JAN. .	5 1 10	5 11 34	159.	JAN. ○	{ 1 16 20	1 18 4
B.	FEB. .	3 13 54	3 22 34	E.	{ 16 10 42	16 12 10	
24 21 39	MAR. .	5 2 38	5 7 49		{ 31 5 4	31 12 54	
	APRIL	3 15 22	3 15 50		FEB. .	...	...
	MAY .	3 4 6	2 23 30	24 15 6	MAR. .	{ 1 17 48	2 5 47
	JUNE .	1 16 50	{ 1 7 47		{ 31 6 32	31 19 50	
	JULY .	{ 1 5 34	{ 30 17 44		APRIL	29 19 16	30 6 59
	AUG. .	29 7 2	23 21 24		MAY .	29 8 0	29 15 45
	SEPT. .	27 19 46	27 14 57		JUNE .	27 20 44	27 23 12
	OCT. .	27 8 30	27 9 44		JULY .	27 9 23	27 6 23
	NOV. .	25 21 14	26 4 17		AUG. .	25 22 12	25 14 21
	DEC. .	25 9 58	25 21 15		SEPT. .	24 10 56	23 23 57
					OCT. .	23 23 40	23 11 45
					NOV. .	22 12 24	22 2 0
					DEC. .	22 1 8	21 18 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 158.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 155.		<i>d. h. m.</i>	<i>d. h. m.</i>
D. March. <i>d. h. m.</i> 24 20 54	JAN. .	20 13 52	20 12 19	G. March. <i>d. h. m.</i> 24 14 21	JAN. .	17 5 2	17 3 50
	FEB. .	19 2 36	19 6 30		FEB. .	15 17 46	15 14 18
	MAR. .	20 15 20	20 23 41		MAR. .	17 6 30	17 1 0
	APRIL .	19 4 4	19 14 48		APRIL .	15 19 14	15 12 33
	MAY .	18 16 48	19 3 30		MAY .	15 7 58	15 1 25
	○	{ 2 11 10	2 1 19		JUNE .	13 20 42	13 15 45
	JUNE .	{ 17 5 32	17 13 54		JULY .	13 9 26	13 7 16
	JULY .	16 18 16	16 22 46		AUG. .	11 22 10	11 23 17
	AUG. .	15 7 0	15 7 3		SEPT. .	10 10 54	10 15 7
	SEPT. .	13 19 44	13 15 42		OCT. .	9 23 38	10 6 6
	OCT. .	13 8 28	13 1 23		NOV. .	8 12 22	8 19 59
	NOV. .	{ 11 21 12	11 12 31		DEC. .	8 1 6	8 8 31
	○	{ 26 15 34	27 0 21				
	DEC. .	11 9 56	11 1 17	154.	JAN. .	6 13 51	6 19 47
				F.	FEB. .	5 2 35	5 5 51
57	JAN. .	9 22 41	9 15 33	24 20 10	MAR. .	{ 6 15 19	6 14 59
C.B.	FEB. .	8 11 25	8 7 18		○	{ 21 9 41	21 20 38
24 2 43	MAR. .	9 0 9	8 23 46		APRIL .	5 4 3	4 23 48
	APRIL .	7 12 53	7 16 15		MAY .	4 16 47	4 9 6
	MAY .	{ 7 1 37	7 7 55		JUNE .	3 5 31	2 19 49
	○	{ 21 19 59	21 14 56		JULY .	2 18 16	{ 2 8 35
	JUNE .	5 14 21	5 22 6				{ 31 28 35
	JULY .	5 3 5	5 10 33		AUG. .	{ 30 19 44	30 16 22
	AUG. .	3 15 49	3 21 30		○	{ 14 14 6	14 7 18
	SEPT. .	2 4 33	2 7 34		SEPT. .	{ 29 8 28	29 10 0
	OCT. .	{ 1 17 17	1 17 28		OCT. .	28 21 12	29 3 32
		{ 31 6 1	31 3 44		NOV. .	27 9 56	27 19 23
	○	{ 15 0 28	15 1 45		DEC. .	26 22 40	27 9 33
	NOV. .	{ 29 18 45	29 14 35				
	DEC. .	29 7 29	29 2 6	153.	JAN. .	25 11 24	25 21 33
156.	JAN. .	27 20 14	27 14 21	E.D.	FEB. .	24 0 8	24 7 32
A.	FEB. .	26 8 58	26 3 23	24 1 59	○	{ 9 18 30	9 21 13
24 8 32	MAR. .	27 21 42	27 17 33		MAR. .	{ 24 12 52	24 15 53
	APRIL .	26 10 26	26 8 30		APRIL .	23 1 36	22 23 26
	○	{ 11 4 48	11 3 2		MAY .	22 14 20	22 7 7
	MAY .	{ 25 23 10	25 23 55		JUNE .	21 3 4	20 16 2
	JUNE .	24 11 54	24 13 8		JULY .	20 15 48	20 3 8
	JULY .	24 0 38	24 5 36		AUG. .	19 4 32	18 17 2
	AUG. .	22 13 22	22 19 1		○	{ 2 22 54	2 23 41
	SEPT. .	21 2 6	21 7 26		SEPT. .	{ 17 17 16	17 9 39
	OCT. .	20 14 50	20 19 7		OCT. .	17 6 0	17 4 8
	○	{ 4 9 12	4 1 7		NOV. .	15 18 44	15 23 9
	NOV. .	{ 19 3 34	19 6 20		DEC. .	15 7 23	15 17 11
	DEC. .	18 16 18	18 17 14				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 152. c. March. <i>d. h. m.</i> 24 7 47		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 149. G.F. March. <i>d. h. m.</i> 24 1 14		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	13 20 12	14 8 59		JAN. .	11 11 22	11 7 16
	FEB. .	{ 12 8 56	12 22 0		FEB. .	10 0 6	10 1 18
	○	{ 27 3 18	26 22 50		MAR. .	10 12 50	10 18 50
	MAR. .	13 21 40	14 8 18		APRIL	9 1 34	9 10 58
	APRIL	12 10 24	12 16 30		MAY .	8 14 18	9 0 58
	MAY .	11 23 8	11 23 30		JUNE .	{ 7 3 2	7 12 26
	JUNE .	10 11 52	10 6 18		○	{ 21 21 24	21 10 11
	JULY .	10 0 36	9 14 3		JULY .	6 15 46	6 22 8
	AUG. .	{ 8 13 20	7 23 49		AUG. .	5 4 30	5 6 47
	○	{ 23 7 42	23 13 13		SEPT. .	3 17 14	3 15 22
	SEPT. .	7 2 4	6 12 24		OCT. .	3 5 58	3 0 40
	OCT. .	6 14 48	6 4 6		NOV. .	1 18 42	{ 1 11 10
	NOV. .	5 3 32	4 22 21		DEC. ○	{ 1 7 26	{ 30 23 5
	DEC. .	4 16 16	4 17 53			{ 16 1 48	16 12 87
						{ 30 20 10	30 12 81
151. a. 24 13 36	JAN. .	3 5 1	3 13 4	148. E. 24 7 3	JAN. .	29 8 55	29 8 18
	FEB. .	1 17 45	2 6 15		FEB. .	27 21 39	27 19 10
	MAR. .	3 6 29	3 20 32		MAR. .	29 10 23	29 11 30
	APRIL	1 19 13	2 7 44		APRIL	27 23 7	28 8 32
	MAY .	{ 1 7 57	1 16 26		MAY .	27 11 51	27 18 31
	JUNE .	{ 30 20 41	30 23 35		JUNE .	26 0 35	26 7 57
	JULY .	29 9 25	29 6 15		JULY .	25 13 19	25 19 49
	AUG. .	28 22 9	28 13 36		AUG. .	24 2 3	24 6 31
	SEPT. .	27 10 53	26 22 34		SEPT. .	22 14 47	22 16 41
	OCT. .	25 23 37	25 10 4		OCT. .	22 3 31	22 2 56
	NOV. .	25 12 21	25 0 26		NOV. .	20 16 15	20 13 34
	DEC. .	24 1 5	23 17 29		DEC. .	20 4 59	20 0 42
		23 13 49	23 12 20				
150. A. 24 19 25	○	{ 7 8 11	7 11 24	147. D. 24 12 52	JAN. .	18 17 43	18 12 23
	JAN. .	{ 22 2 34	22 7 29		FEB. .	17 6 27	17 0 45
	FEB. .	20 15 18	21 1 23		MAR. .	18 19 11	18 14 2
	MAR. .	22 4 2	22 16 50		APRIL	17 7 55	17 4 19
	APRIL	20 16 46	21 5 21		○	{ 2 2 17	2 8 18
	MAY .	20 5 30	20 15 12		MAY .	{ 16 20 39	16 19 23
	JUNE .	18 18 14	18 23 16		JUNE .	15 9 23	15 10 48
	○	{ 3 12 36	3 5 20		JULY .	14 22 7	15 1 51
	JULY .	{ 18 6 58	18 6 34		AUG. .	13 10 51	13 16 3
	AUG. .	16 19 42	16 14 10		SEPT. .	11 23 35	12 5 15
	SEPT. .	15 8 26	14 23 1		OCT. .	{ 11 12 19	11 17 38
	OCT. .	14 21 10	14 9 47		○	{ 26 6 41	25 20 13
	NOV. .	13 9 54	12 22 50		NOV. .	10 1 8	10 5 10
	DEC. .	{ 12 22 33	12 14 9		DEC. .	9 13 47	9 16 18
	○	{ 27 17 0	28 2 30				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 146. c. March. d. h. m. 24 18 40		d. h. m.	d. h. m.	B.C. 143. f. March. d. h. m. 24 12 7		d. h. m.	d. h. m.
	JAN. .	8 2 31	8 2 58		JAN. .	4 17 42	5 5 32
	FEB. .	6 15 16	6 13 16		FEB. .	{ 3 6 26	3 19 57
	MAR. .	8 4 0	7 23 32		○	{ 18 0 48	17 19 21
	APRIL	{ 6 16 44	6 10 18		MAR. .	4 19 10	5 7 28
	○	{ 21 11 6	21 23 8		APRIL	3 7 54	3 16 31
	MAY .	6 5 28	5 22 14		MAY .	2 20 38	2 23 53
	JUNE .	4 18 12	4 11 42		JUNE .	{ 1 9 22	1 6 35
	JULY .	4 6 56	4 2 40			{ 30 22 6	30 13 42
	AUG. .	2 19 40	2 18 41		JULY .	30 10 50	29 23 22
	SEPT. .	{ 1 8 24	1 10 55		○	{ 14 5 12	14 11 3
	○	{ 30 21 8	{ 1 2 42		AUG. .	{ 28 23 34	28 9 32
	○	{ 15 15 30	{ 15 2 55		SEPT. .	27 12 18	26 23 46
	OCT. .	{ 30 9 52	{ 30 17 25		OCT. .	27 1 2	26 16 55
	NOV. .	28 22 36	29 6 47		NOV. .	25 13 46	25 12 3
	DEC. .	28 11 20	28 18 44		DEC. .	25 2 30	25 7 36
145. B.A. 24 0 29	JAN. .	27 0 5	27 5 17	142. E. 24 17 56	JAN. .	23 15 15	24 1 55
	FEB. .	25 12 49	25 14 37		○	{ 7 9 37	7 5 36
	MAR. .	26 1 33	25 23 17		FEB. .	{ 22 3 59	22 17 38
	○	{ 9 19 55	10 7 26		MAR. .	23 16 43	24 6 17
	APRIL	{ 24 14 17	24 8 0		APRIL	22 5 27	22 16 5
	MAY .	24 3 1	23 17 44		MAY .	21 18 11	21 23 51
	JUNE .	22 15 45	22 5 17		JUNE .	20 6 55	20 6 39
	JULY .	22 4 29	21 19 12		JULY .	19 10 39	19 13 35
	AUG. .	20 17 13	20 11 17		○	{ 3 14 1	3 15 53
	SEPT. .	19 5 57	19 4 49		AUG. .	{ 18 8 23	17 21 45
	○	{ 4 0 19	3 16 22		SEPT. .	16 21 7	16 8 0
	OCT. .	{ 18 18 41	18 22 43		OCT. .	16 9 51	15 20 59
	NOV. .	17 7 25	17 15 46		NOV. .	14 22 35	14 12 46
	DEC. .	16 20 9	17 7 5		DEC. .	14 11 19	14 6 48
144. G. 24 6 18	JAN. .	15 8 53	15 20 9	141. D.C. 23 23 45	JAN. .	{ 13 0 3	13 1 51
	FEB. .	13 21 37	14 6 57		○	{ 27 18 25	27 20 50
	MAR. .	15 10 21	15 15 52		FEB. .	11 12 47	11 20 25
	APRIL	13 23 5	13 23 32		MAR. .	12 1 31	12 13 5
	MAY .	13 11 49	13 6 53		APRIL	10 14 15	11 3 0
	JUNE .	12 0 33	11 14 57		MAY .	10 2 59	10 14 8
	JULY .	11 13 17	11 0 48		JUNE .	8 15 43	8 23 1
	AUG. .	10 2 1	9 13 18		JULY .	{ 8 4 27	8 6 41
	SEPT. .	8 14 45	8 4 41		○	{ 22 22 49	22 16 21
	OCT. .	8 3 29	7 22 31		AUG. .	6 17 11	6 14 10
	NOV. .	6 16 13	6 17 37		SEPT. .	5 5 55	4 22 29
	DEC. .	6 4 57	6 12 25		OCT. .	4 13 39	4 8 21
					NOV. .	3 7 23	2 20 17
					DEC. .	2 20 7	2 10 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 140. B. March. d. h. m. 24 5 33	JAN. .	d. h. m. 1 8 52 30 21 36	d. h. m. 1 2 36 30 20 8	B.C. 137. F.E. March. d. h. m. 23 22 59	JAN. .	d. h. m. 28 12 46 27 1 30 27 14 14 26 2 58 25 15 42 24 4 26 23 17 10 22 5 54 20 18 38 20 7 22 18 20 6 18 8 50	d. h. m. 28 12 28 26 22 27 27 8 36 25 19 36 25 8 5 28 22 17 28 13 56 22 6 22 20 22 45 20 14 19 19 4 37 18 17 22
	FEB. .	...	...		FEB. .		
	MAR. .	1 10 20 30 23 4	1 13 45 31 6 35		MAR. .		
	APRIL	29 11 48	29 21 37		APRIL		
	MAY .	29 0 32	29 10 23		MAY .		
	○	12 18 54	12 8 22		JUNE .		
	JUNE .	27 13 16	27 21 4		JULY .		
	JULY .	27 2 0	27 6 18		AUG. .		
	AUG. .	25 14 44	25 15 3		SEPT. .		
	SEPT. .	24 3 28	24 0 7		OCT. .		
	OCT. .	23 16 12	23 10 8		NOV. .		
	NOV. .	22 4 56	21 21 22		DEC. .		
	○	6 23 18	7 8 40				
	DEC. .	21 17 40	21 9 56	136. D. 24 4 43	JAN. .	16 21 35	17 4 32
					FEB. .	15 10 19	15 14 16
139. A. 24 11 22	JAN. .	20 6 25	19 23 52		MAR. .	16 23 3	16 23 0
	FEB. .	18 19 9	18 14 56		○	31 17 25	1 8 39
	MAR. .	20 7 53	20 6 50		APRIL	15 11 47	15 7 22
	APRIL	18 20 37	18 22 55		MAY .	15 0 31	14 16 16
	MAY .	18 9 21	18 14 28		JUNE .	13 13 15	13 2 42
	○	2 3 43	1 22 18		JULY .	13 1 59	12 15 22
	JUNE .	16 22 5	17 4 47		AUG. .	11 14 43	11 6 28
	JULY .	16 10 49	16 17 36		SEPT. .	10 3 27	9 23 34
	AUG. .	14 23 33	15 5 4		○	24 21 49	24 15 41
	SEPT. .	13 12 17	13 15 43		OCT. .	9 16 11	9 17 39
	OCT. .	13 1 1	13 2 5		NOV. .	8 4 55	8 11 29
	NOV. .	11 13 45	11 12 39		DEC. .	7 17 39	8 8 53
	○	26 8 7	26 9 44				
	DEC. .	11 2 29	10 23 33	135. C. 24 10 37	JAN. .	6 6 23	6 18 11
138. G. 24 17 11	JAN. .	9 15 13	9 10 49		FEB. .	4 19 7	5 6 1
	FEB. .	8 3 57	7 22 34		MAR. .	6 7 51	6 15 41
	MAR. .	9 16 41	9 11 3		○	21 2 13	21 4 12
	APRIL	8 5 25	8 0 32		APRIL	4 20 35	4 28 42
	MAY .	7 18 9	7 15 4		MAY .	4 9 19	4 6 57
	○	22 12 31	22 15 29		JUNE .	2 22 3	2 14 24
	JUNE .	6 6 53	6 6 18		JULY .	2 10 47	1 23 11
	JULY .	5 19 37	5 21 42			31 23 31	31 10 13
	AUG. .	4 8 21	4 12 36		AUG. .	30 12 15	30 0 13
	SEPT. .	2 21 5	3 2 36		○	14 6 37	14 7 53
	OCT. .	2 9 49	2 15 37		SEPT. .	29 0 59	28 17 7
		31 22 33			OCT. .	28 13 43	28 11 54
	○	15 16 55	15 9 10		NOV. .	27 2 27	27 7 11
	NOV. .	30 11 17	30 15 16		DEC. .	26 15 11	27 1 22
	DEC. .	30 0 1	30 2 9				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 134. B. March. <i>d. h. m.</i> 24 16 26		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 131. E. March. <i>d. h. m.</i> 24 9 52		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	25 8 56	25 17 11		○	{ 7 0 45	7 11 12
	FEB. .	23 16 40	24 6 4		JAN. .	{ 21 19 5	21 15 9
	○	{ 10 11 2	10 6 16		FEB. .	{ 20 7 50	20 8 37
	MAR. .	{ 25 5 24	25 16 10		MAR. .	{ 21 20 34	22 1 49
	APRIL	23 18 8	24 0 8		APRIL	20 9 18	20 17 45
	MAY .	23 6 52	23 6 59		MAY .	19 22 2	20 7 40
	JUNE .	21 19 36	21 13 44		JUNE .	18 10 46	18 19 27
	JULY .	21 8 20	20 21 31		○	{ 8 5 8	2 17 11
	AUG. .	19 21 4	19 7 24		JULY .	{ 17 23 30	18 5 30
	○	{ 3 15 26	3 20 58		AUG. .	16 12 14	16 14 37
	SEPT. .	{ 18 9 48	17 20 9		SEPT. .	15 0 58	14 23 39
	OCT. .	17 22 32	17 11 58		OCT. .	14 13 42	14 9 19
	NOV. .	16 11 16	16 6 19		NOV. .	13 2 26	12 20 1
	DEC. .	16 0 0	16 1 52		DEC. .	{ 12 15 10	12 7 52
					○	{ 27 9 32	27 20 59
133. A.G. 23 22 15	JAN. .	14 12 45	14 20 57	130. D. 24 15 41	JAN. .	11 3 54	10 20 57
	FEB. .	13 1 20	13 14 1		FEB. .	9 16 38	9 11 11
	MAR. .	13 14 13	14 4 8		MAR. .	11 5 22	11 2 25
	APRIL	12 2 57	12 15 13		APRIL	9 18 6	9 18 16
	MAY .	11 15 41	11 23 51		MAY .	9 6 50	9 10 2
	JUNE .	10 4 25	10 7 1		JUNE .	{ 7 19 34	8 1 3
	JULY .	9 17 9	9 13 49		○	{ 22 18 56	22 5 41
	AUG. .	8 5 53	7 21 21		JULY .	7 8 18	7 14 49
	SEPT. .	6 18 37	6 6 35		AUG. .	5 21 2	6 3 9
	OCT. .	6 7 21	5 18 14		SEPT. .	4 9 46	4 14 24
	NOV. .	4 20 5	4 8 41		OCT. .	3 22 30	4 1 7
	DEC. .	4 8 49	4 1 39		NOV. .	2 11 14	2 11 45
132. F. 24 4 4	JAN. .	{ 2 21 33	2 20 16	129. C.B. 23 21 30	DEC. .	{ 1 23 58	1 22 32
	○	{ 17 15 55	17 20 11			{ 31 12 42	31 9 31
	FEB. .	1 10 17	1 15 5		JAN. .	30 1 27	29 20 49
	MAR. .	2 23 1	3 8 42		FEB. .	28 14 11	28 8 37
	APRIL	1 11 45	1 23 58		MAR. .	29 2 53	28 21 17
	MAY .	{ 1 0 29	1 12 26		APRIL	27 13 39	27 11 3
	JUNE .	{ 30 13 13	30 22 24		○	{ 12 10 1	12 15 46
	○	{ 13 20 19	13 11 58		MAY .	{ 27 4 28	27 1 53
	JULY .	{ 23 14 41	23 14 14		JUNE .	25 17 7	25 17 17
	AUG. .	27 8 25	26 22 12		JULY .	25 5 51	25 8 39
	SEPT. .	25 16 9	25 7 24		AUG. .	23 18 35	23 23 24
	OCT. .	23 4 53	24 18 22		SEPT. .	22 7 19	22 13 12
	NOV. .	23 17 37	23 7 24		OCT. .	21 20 3	22 2 4
	DEC. .	23 6 21	22 22 28		○	{ 5 14 23	5 4 19
					NOV. .	{ 20 8 47	20 14 4
					DEC. .	19 21 31	20 1 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 128.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 125.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				E.D.			
March.	JAN. .	18 10 15	18 11 43	March.	JAN. .	16 1 26	16 13 42
<i>d. h. m.</i>	FEB. .	16 23 0	16 21 38	<i>d. h. m.</i>	FEB. .	{ 14 14 10	15 4 1
24 3 19	MAR. .	18 11 44	18 7 21	○	○	{ 29 8 32	29 3 3
	APRIL	17 0 28	16 17 35	23 20 45	MAR. .	15 2 54	15 15 21
	○	{ 1 18 50	2 6 24		APRIL	13 15 38	14 0 11
	MAY .	{ 16 13 12	16 5 4		MAY .	13 4 22	13 7 23
	JUNE .	15 1 56	14 18 17		JUNE .	11 17 6	11 14 0
	JULY .	14 14 40	14 9 16		JULY .	11 5 50	10 21 10
	AUG. .	13 3 24	13 1 33		AUG. .	{ 9 18 34	9 5 58
	SEPT. .	11 16 8	11 18 18		○	{ 24 12 56	24 18 35
	OCT. .	{ 11 4 52	11 10 40		SEPT. .	8 7 18	7 17 18
	○	{ 25 23 14	25 11 23		OCT. .	7 20 2	7 7 89
	NOV. .	9 17 36	10 1 54		NOV. .	6 8 46	6 0 54
	DEC. .	9 6 20	9 15 33		DEC. .	5 21 30	5 20 3
127.	JAN. .	7 19 4	8 3 30	124.	JAN. .	4 10 14	4 15 30
G.	FEB. .	6 7 48	6 13 49	C.	FEB. .	{ 2 22 58	3 9 39
24 9 8	MAR. .	7 20 32	7 22 47	24 2 34	○	{ 17 17 20	17 13 49
	APRIL	{ 6 9 16	6 7 1		MAR. .	4 11 42	5 1 13
	○	{ 21 3 33	21 14 20		APRIL	3 0 26	3 13 44
	MAY .	5 22 0	5 15 20		MAY .	2 13 10	2 23 28
	JUNE .	4 10 44	4 0 43		JUNE .	{ 1 1 54	1 7 13
	JULY .	3 23 28	3 12 9		○	{ 30 14 38	30 14 8
	AUG. .	2 12 12	{ 2 2 4		JULY .	30 3 22	29 21 17
	SEPT. .	{ 1 0 56	{ 31 18 22		○	{ 13 21 44	13 22 55
	○	{ 30 13 40	30 12 19		AUG. .	{ 28 16 6	28 5 42
	OCT. .	{ 15 8 2	15 0 59		SEPT. .	27 4 50	26 16 11
	NOV. .	30 2 24	30 6 39		OCT. .	26 17 34	26 5 16
	DEC. .	28 15 8	29 0 6		NOV. .	25 6 18	24 21 1
		28 3 52	28 15 36		DEC. .	24 19 2	24 14 50
126.	JAN. .	26 16 37	27 4 38	123.	JAN. .	23 7 47	23 9 35
F.	FEB. .	25 5 21	25 15 12	B.	○	{ 7 2 9	7 5 22
24 14 57	MAR. .	26 18 5	26 23 48	24 8 23	FEB. .	{ 21 20 31	22 3 48
	APRIL	25 6 49	25 7 10		MAR. .	23 9 15	23 20 14
	MAY .	24 19 33	24 14 17		APRIL	21 21 59	22 10 4
	JUNE .	23 8 17	22 22 11		MAY .	21 10 43	21 21 13
	JULY .	22 21 1	22 8 0		JUNE .	19 23 27	20 6 18
	AUG. .	21 9 45	20 20 35		JULY .	19 12 11	19 14 14
	SEPT. .	19 22 29	19 12 9		○	{ 3 6 33	2 23 9
	OCT. .	19 11 13	19 6 14		AUG. .	{ 18 0 55	17 22 7
	NOV. .	17 23 57	18 1 34		SEPT. .	16 13 39	16 6 48
	DEC. .	17 12 41	17 20 34		OCT. .	16 2 23	15 16 56
					NOV. .	14 15 7	14 4 57
					DEC. .	14 8 51	13 18 56

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 122.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 119.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March.	JAN. .	12 16 35	12 10 42	D. March.	JAN. .	9 7 45	9 10 59
<i>d. h. m.</i>	FEB. .	11 5 19	11 3 37	<i>d. h. m.</i>	FEB. .	7 20 29	7 20 58
24 14 12	MAR. .	12 18 3	12 20 51	24 7 38	MAR. .	9 9 13	9 6 27
	APRIL .	11 6 47	11 13 22		APRIL .	7 21 57	7 16 5
	MAY .	10 19 31	11 4 18		MAY .	7 10 41	7 2 37
	JUNE .	9 8 15	9 17 13		JUNE .	5 23 25	5 14 46
	JULY .	8 20 59	9 4 14		JULY .	5 12 9	5 4 52
	AUG. .	7 9 43	7 13 53		AUG. .	4 0 53	3 20 39
	SEPT. .	5 22 27	5 23 9		SEPT. .	2 18 37	2 18 31
	OCT. .	5 11 11	5 8 41		OCT. .	{ 2 2 21	2 6 26
	NOV. .	3 28 55	3 18 57			{ 31 15 5	31 22 31
	DEC. .	{ 3 12 39	3 6 13		NOV. .	80 3 49	80 13 15
	○	{ 18 7 1	18 6 54		DEC. .	29 16 33	30 2 6
121. G.F.	JAN. .	{ 2 1 21	1 18 33	118. C.	JAN. .	28 5 18	28 13 9
	FEB. .	{ 31 14 8	31 7 59	24 13 27	FEB. .	26 18 2	26 22 35
23 20 1	MAR. .	{ 1 2 52	...		MAR. .	28 6 46	28 6 53
	APRIL .	{ 30 15 36	30 13 46		○	{ 12 1 8	12 10 31
	MAY .	{ 29 4 20	29 5 29		APRIL .	{ 26 19 30	26 14 50
	JUNE .	{ 28 17 4	28 20 56		MAY .	26 8 14	25 23 24
	○	{ 12 11 26	12 5 40		JUNE .	24 20 58	24 9 37
	JULY .	{ 27 5 48	27 11 27		JULY .	24 9 42	23 22 15
	AUG. .	26 18 32	27 0 42		AUG. .	22 22 26	22 13 29
	SEPT. .	25 7 16	25 12 44		SEPT. .	21 11 10	21 6 54
	OCT. .	28 20 0	28 23 57		○	{ 6 5 32	6 0 14
	NOV. .	28 8 44	28 10 48		OCT. .	{ 20 23 54	21 1 25
	○	{ 6 15 50	6 17 41		NOV. .	19 12 33	19 19 39
	DEC. .	{ 21 10 12	21 8 27		DEC. .	19 1 22	19 12 20
120. K.	JAN. .	19 22 57	19 19 26	117. B.A.	JAN. .	17 14 7	18 2 39
24 1 50	FEB. .	13 11 41	13 6 41	23 19 16	FEB. .	16 2 51	16 14 20
	MAR. .	20 0 25	19 18 34		MAR. .	{ 16 15 33	16 23 42
	APRIL .	18 18 9	18 7 29		○	{ 31 9 57	31 11 5
	MAY .	18 1 58	17 21 33		APRIL .	15 4 19	15 7 27
	○	{ 1 20 15	1 22 56		MAY .	14 17 3	14 14 21
	JUNE .	{ 16 14 37	16 12 46		JUNE .	13 5 47	12 21 42
	JULY .	16 8 21	16 4 20		JULY .	12 18 31	12 6 26
	AUG. .	14 16 5	14 19 42		AUG. .	11 7 15	10 17 35
	SEPT. .	13 4 49	13 10 17		SEPT. .	{ 9 19 59	9 7 44
	OCT. .	12 17 33	12 28 56		○	{ 24 14 21	24 16 14
	NOV. .	{ 11 6 17	11 12 33		OCT. .	9 8 43	9 0 46
	○	{ 26 0 39	25 17 16		NOV. .	7 21 27	7 19 43
	DEC. .	10 19 1	11 0 13		DEC. .	7 10 11	7 15 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 116. G. March. d. h. m. 24 1 5		d. h. m.	d. h. m.	B.C. 113. D.C. March. d. h. m. 23 18 31		d. h. m.	d. h. m.
	JAN. .	5 22 55	6 9 28		JAN. .	{ 3 14 5	3 6 46
	FEB. .	4 11 39	5 1 14		○	{ 18 8 27	18 19 46
	MAR. .	{ 6 0 23	6 13 57		FEB. .	2 2 49	1 22 56
	○	{ 20 18 45	20 13 35		MAR. .	2 15 33	2 15 53
	APRIL.	4 13 7	4 23 51		APRIL	{ 1 4 17	1 8 40
	MAY .	4 1 51	4 7 41			{ 30 17 1	{ 1 0 23
	JUNE .	2 14 35	2 14 24		MAY .	30 5 45	{ 30 14 23
	JULY .	{ 2 3 19	1 21 11		JUNE .	28 18 29	29 2 26
		{ 31 16 3	31 5 5		○	{ 18 12 51	13 0 16
	AUG. .	30 4 47	29 15 8		JULY .	{ 28 7 13	28 12 56
	○	{ 13 23 9	14 4 50		AUG. .	26 19 57	26 22 33
	SEPT. .	{ 28 17 31	28 4 2 ³		SEPT. .	25 8 41	25 8 4
	OCT. .	28 6 15	27 19 57		OCT. .	24 21 25	24 18 6
	NOV. .	26 18 59	26 14 19		NOV. .	23 10 9	23 4 55
	DEC. .	26 7 43	26 9 47		DEC. .	22 22 53	22 16 38
					○	{ 6 17 16	7 5 15
115. F. 24 6 54	JAN. .	24 20 28	25 4 42	112. B. 24 0 20	JAN. .	{ 21 11 33	21 5 18
	FEB. .	23 9 12	23 21 36		FEB. .	20 0 22	19 18 53
	MAR. .	24 21 56	25 11 34		MAR. .	21 13 6	21 9 35
	APRIL	23 10 40	23 22 31		APRIL	20 1 50	20 0 57
	MAY .	22 23 24	23 7 11		MAY .	19 14 34	19 16 32
	JUNE .	21 12 8	21 14 26		JUNE .	18 3 18	18 7 37
	JULY .	21 0 52	20 21 26		○	{ 2 21 40	2 13 5
	AUG. .	19 13 36	19 5 15		JULY .	{ 17 16 2	17 21 43
	SEPT. .	18 2 20	17 14 44		AUG. .	16 4 46	16 10 35
	OCT. .	17 15 4	17 2 34		SEPT. .	14 17 30	14 22 27
	NOV. .	16 3 48	15 17 1		OCT. .	14 6 14	14 9 41
	DEC. .	15 16 32	15 9 48		NOV. .	12 18 53	12 20 33
					DEC. .	12 7 42	12 7 30
114. E. 24 12 43	JAN. .	{ 14 5 17	14 4 5	111. A. 24 6 9	JAN. .	10 20 26	10 13 18
	○	{ 28 23 39	29 4 49		FEB. .	9 9 11	9 5 9
	FEB. .	12 18 1	12 22 34		MAR. .	10 21 55	10 16 22
	MAR. .	14 6 45	14 15 52		APRIL	9 10 39	9 4 27
	APRIL	12 19 29	13 6 59		MAY .	{ 8 23 23	8 17 45
	MAY .	12 8 13	12 19 27		○	{ 23 17 45	23 23 13
	JUNE .	10 20 57	11 5 34		JUNE .	7 12 7	7 8 20
	JULY .	{ 10 9 41	10 14 4		JULY .	7 0 51	6 23 43
	○	{ 25 4 3	24 18 46		AUG. .	5 13 35	5 15 32
	AUG. .	8 22 25	8 22 3		SEPT. .	4 2 19	4 6 51
	SEPT. .	7 11 9	7 6 25		OCT. .	3 15 3	3 21 13
	OCT. .	6 23 53	6 15 55		NOV. .	{ 2 3 47	2 10 40
	NOV. .	5 12 37	5 3 3		○	{ 16 22 9	16 12 31
	DEC. .	5 1 21	4 16 1		DEC. .	{ 1 16 31	1 22 57
						{ 31 5 15	31 10 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 110. G. March. d. h. m. 24 11 58		d. h. m.	d. h. m.	B.C. 107. c. March. d. h. m. 24 5 24		d. h. m.	d. h. m.
	JAN. .	29 17 59	29 20 22		JAN. .	26 9 9	26 21 42
	FEB. .	28 6 43	28 5 50		FEB. .	24 21 53	25 11 54
	MAR. .	29 19 27	29 15 3		○	{ 11 16 15	11 10 37
	APRIL	28 8 11	28 0 47		MAR. .	{ 26 10 37	26 23 4
	○	{ 13 2 33	13 13 33		APRIL	24 23 21	25 7 43
	MAY .	{ 27 20 55	27 11 52		MAY .	24 12 5	24 14 49
	JUNE .	26 9 39	26 0 54		JUNE .	23 0 49	22 21 28
	JULY .	25 22 23	25 15 57		JULY .	22 13 33	22 4 44
	AUG. .	24 11 7	24 8 32		AUG. .	21 2 17	20 13 41
	SEPT. .	22 23 51	23 1 43		○	{ 4 20 39	5 2 10
	OCT. .	22 12 35	22 18 42		SEPT. .	{ 19 15 1	19 1 12
	○	{ 6 6 57	5 19 53		OCT. .	19 3 45	18 15 41
	NOV. .	{ 21 1 19	21 10 23		NOV. .	17 16 29	17 8 56
	DEC. .	20 14 8	21 0 16		DEC. .	17 5 13	17 3 59
109. F.E. 23 17 47	JAN. .	19 2 43	19 12 11	106. B. 24 11 13	JAN. .	15 17 58	15 23 19
	FEB. .	17 15 32	17 22 15		FEB. .	14 6 42	{ 14 17 15
	MAR. .	18 4 16	18 6 50		○	{ 1 1 4	23 21 58
	APRIL	16 17 0	16 14 39		MAR. .	{ 15 19 26	16 8 39
	○	{ 1 11 22	1 21 7		APRIL	14 8 10	14 21 3
	MAY .	{ 16 5 44	15 22 36		MAY .	13 20 54	14 6 45
	JUNE .	14 18 28	14 7 47		JUNE .	12 9 38	12 14 36
	JULY .	14 7 12	13 19 5		JULY .	11 22 22	11 21 42
	AUG. .	12 19 56	12 9 4		AUG. .	{ 10 11 6	10 5 6
	SEPT. .	11 8 40	11 1 33		○	{ 25 5 23	25 5 59
	OCT. .	{ 10 21 24	10 19 56		SEPT. .	8 23 50	8 13 49
	○	{ 25 15 46	25 9 43		OCT. .	8 12 34	8 0 32
	NOV. .	9 10 8	9 14 40		NOV. .	7 1 18	6 13 42
	DEC. .	8 22 52	9 8 25		DEC. .	6 14 2	6 5 19
108. D. 23 23 36	JAN. .	7 11 37	8 0 1	105. A.G. 23 17 2	JAN. .	5 2 46	4 22 49
	FEB. .	6 0 21	6 12 53		FEB. .	{ 3 15 30	3 17 9
	MAR. .	7 13 5	7 28 19		○	{ 18 9 52	18 13 47
	APRIL	6 1 49	6 7 37		MAR. .	4 4 14	4 11 1
	MAY .	5 14 33	5 14 42		APRIL	2 16 58	3 8 12
	JUNE .	4 8 17	3 21 39		MAY .	{ 2 5 42	2 16 59
	JULY .	3 16 1	3 5 30		JUNE .	{ 31 18 26	{ 1 4 16
	AUG. .	{ 2 4 45	1 15 21		JULY .	30 7 10	{ 30 13 36
	○	{ 31 17 29	31 4 1		○	{ 13 14 16	13 6 8
	SEPT. .	30 6 18	29 19 47		AUG. .	{ 28 8 38	28 6 10
	OCT. .	29 18 57	29 14 8		SEPT. .	26 21 22	26 15 13
	NOV. .	28 7 41	28 9 33		OCT. .	26 10 6	26 1 36
	DEC. .	27 20 25	28 4 37		NOV. .	24 22 50	24 13 39
					DEC. .	24 11 34	24 8 25

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 104. F. March. <i>d. h. m.</i> 23 22 51	JAN. .	<i>d. h. m.</i> 23 0 19	<i>d. h. m.</i> 22 18 43	B.C. 101. C.B. March. <i>d. h. m.</i> 23 16 17	JAN. .	<i>d. h. m.</i> 20 15 29	<i>d. h. m.</i> 20 19 45
	FEB. .	21 13 3	21 11 5		FEB. .	19 4 13	19 5 22
	MAR. .	23 1 47	23 3 49		MAR. .	19 16 57	19 14 23
	APRIL .	21 14 31	21 20 3		APRIL .	18 5 41	17 23 30
	MAY .	21 3 15	21 10 57		MAY .	17 18 25	17 9 37
	JUNE .	19 15 59	20 0 4		JUNE .	16 7 9	15 21 29
	JULY .	19 4 43	19 11 28		JULY .	15 19 53	15 11 32
	AUG. .	17 17 27	17 21 40		AUG. .	14 8 37	14 3 33
	SEPT. .	16 6 11	16 7 25		SEPT. .	12 21 21	12 20 48
	OCT. .	15 18 55	15 17 20		OCT. .	12 10 5	12 14 17
	NOV. .	14 7 39	14 3 51		NOV. .	10 22 49	11 6 55
	DEC. .	13 20 23	13 15 6		DEC. .	10 11 33	10 21 52
	○	23 14 45	29 1 7				
103. E. 24 4 40	JAN. .	12 9 8	12 3 8	100. A. 23 22 6	JAN. .	9 0 18	9 10 49
	FEB. .	10 21 52	10 16 0		FEB. .	7 13 2	7 21 40
	MAR. .	12 10 36	12 5 51		MAR. .	9 1 46	9 6 44
	APRIL .	10 23 20	10 20 38		APRIL .	7 14 30	7 14 39
	MAY .	10 12 4	10 12 1		○	22 8 52	22 17 16
	JUNE .	9 0 48	9 3 24		MAY .	7 3 14	6 22 15
	○	23 19 10	23 13 6		JUNE .	5 15 58	5 6 33
	JULY .	8 13 32	8 13 10		JULY .	5 4 42	4 16 37
	AUG. .	7 2 16	7 7 54		AUG. .	3 17 26	3 5 16
	SEPT. .	5 15 0	5 20 32		SEPT. .	2 6 10	1 20 41
	OCT. .	5 3 44	5 8 19		○	1 13 54	1 14 25
	NOV. .	3 16 23	3 19 35		Oct. ○	16 13 16	16 3 55
	DEC. .	3 5 12	3 6 35			31 7 38	31 9 17
	○	17 23 34	18 1 40		Nov. .	29 20 22	30 3 50
102. D. 24 10 29	JAN. .	1 17 56	1 17 20	99. G. 24 3 55	JAN. .	27 21 50	28 10 58
	FEB. .	31 6 40	31 3 57		FEB. .	26 10 34	26 22 29
	...	...	...		MAR. .	27 23 18	23 7 31
	MAR. .	1 19 24	1 14 40		○	11 17 40	11 17 50
	APRIL .	31 8 8	31 1 57		APRIL .	26 12 2	26 15 2
	MAY .	29 20 52	29 14 21		MAY .	26 0 46	25 21 51
	○	13 3 53	13 6 20		JUNE .	24 13 30	24 5 3
	JUNE .	27 22 20	27 19 14		JULY .	24 2 14	23 13 47
	JULY .	27 11 4	27 11 3		AUG. .	22 14 58	22 1 3
	AUG. .	25 23 43	26 2 52		SEPT. .	21 3 42	20 15 21
	SEPT. .	24 12 32	24 18 6		○	5 22 4	6 0 43
	OCT. .	24 1 16	24 8 18		Oct. .	20 16 26	20 8 33
	NOV. .	22 14 0	22 21 19		Nov. .	19 5 10	19 3 42
	○	7 8 22	7 1 24		DEC. .	18 17 54	18 23 14
	DEC. .	22 2 44	22 9 7				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 98. F. March. <i>d. h. m.</i> 24 9 44		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 95. B. March. <i>d. h. m.</i> 24 3 10		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17. 6 39	17 17 28		JAN. .	{ 13 21 49	13 15 1
	FEB. .	15 19 23	16 9 7		○	{ 28 16 11	29 4 14
	MAR. .	17 8 7	{ 17 21 42		FEB. .	12 10 33	12 6 38
	○	{ 1 2 29	{ 31 20 49		MAR. .	13 23 17	13 22 59
	APRIL	{ 15 20 51	16 7 26		APRIL	12 12 1	12 15 24
	MAY .	15. 9 35	15 15 7		MAY .	12 0 45	12 6 59
	JUNE .	13 22 19	13 21 52		JUNE .	10 13 29	10 21 5
	JULY .	13 11 3	13 4 44		JULY .	{ 10 2 13	10 9 29
	AUG. .	11 23 47	11 12 49		○	{ 24 20 35	24 7 29
	SEPT. .	{ 10 12 31	9 23 3		AUG. .	8 14 57	8 20 27
	○	{ 25 6 53	25 12 50		SEPT. .	7. 3 41	7 6 36
	OCT. .	10. 1 15	9 12 6		OCT. .	6 16 25	6 16 36
	NOV. .	8 13 59	8 4 4		NOV. .	5 5 9	5 2 57
	DEC. .	8 2 43	7 22 20		DEC. .	4 17 53	4 13 51
97. E.D. 23 15 33	JAN. .	6 15 28	6 17 33	94. A. 24 8 59	JAN. .	{ 3 6 37	3 1 22
	FEB. .	5 4 12	5 12 20		○	{ 18 0 59	18 13 22
	MAR. .	5 16 56	6 5 1		FEB. .	1 19 21	1 13 33
	APRIL	4 5 40	4 18 52		MAR. .	3 8 5	3 2 37
	MAY .	3 18 24	4 5 49		APRIL	1 20 49	1 16 39
	JUNE .	2 7 8	2 14 30		MAY .	{ 1 9 33	1 7 34
	JULY .	{ 1 19 52	1 21 55		○	{ 80 22 17	80 22 57
	○	{ 31 8 36	31 5 12		JUNE .	29 11 1	29 14 10
	AUG. .	29 21 20	29 13 18		○	{ 14 5 23	13 20 33
	SEPT. .	28 10 4	27 23 3		JULY .	{ 28 23 45	29 4 39
	OCT. .	27 22 48	27 11 2		AUG. .	27 12 29	27 13 7
	NOV. .	26 11 32	26 1 26		SEPT. .	26 1 13	26 6 35
	DEC. .	26 0 16	25 17 58		OCT. .	25 13 57	25 13 19
96. C. 23 21 22	JAN. .	24 13 0	24 11 50	93. G.F. 23 14 48	JAN. .	22 4 10	22 2 59
	○	{ 8 7 22	8 13 21		FEB. .	20 16 54	20 13 22
	FEB. .	{ 23 1 44	23 5 54		MAR. .	21 5 38	21 0 1
	MAR. .	24 14 28	24 22 52		APRIL	19 18 22	19 11 31
	APRIL	23 3 12	23 13 51		MAY .	19 7 6	19 0 25
	MAY .	22 15 56	23 2 24		○	{ 3 1 23	3 6 39
	JUNE .	21 4 40	21 12 42		JUNE .	{ 17 19 50	17 14 49
	JULY .	20 17 24	20 21 35		JULY .	17 8 34	17 6 24
	○	{ 4 11 46	4 1 37		AUG. .	15 21 18	15 22 31
	AUG. .	{ 19 6 8	19 5 58		SEPT. .	14 10 2	14 14 25
	SEPT. .	17 18 52	17 14 44		OCT. .	13 22 46	14 5 26
	OCT. .	17 7 36	17 0 33		NOV. .	{ 12 11 30	12 19 18
	NOV. .	15 20 20	15 11 49		○	{ 27 5 52	26 20 45
	DEC. .	15 9 4	15 0 39		DEC. .	12 0 14	12 7 48

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 92.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 89.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	10 12 59	10 18 59	March.	JAN. .	8 4 9	8 12 35
<i>d. h. m.</i>	FEB. .	9 1 43	9 4 55	<i>d. h. m.</i>	FEB. .	6 16 53	7 5 35
23 20 37	MAR. .	10 14 27	10 13 56	23 14 3	MAR. .	{ 7 5 37	7 19 38
	APRIL	9 3 11	8 22 39		○	{ 21 23 59	21 18 6
	MAY .	{ 8 15 55	8 7 56		APRIL	5 18 21	6 6 38
	○	{ 23 10 17	23 20 39		MAY .	5 7 5	5 15 12
	JUNE .	7 4 39	6 18 43		JUNE .	3 19 49	3 22 16
	JULY .	6 17 23	6 7 36		JULY .	3 8 33	3 4 59
	AUG. .	5 6 7	4 22 45		AUG. .	{ 1 21 17	1 12 26
	SEPT. .	3 18 51	3 15 40		○	{ 81 10 1	80 21 35
	OCT. .	3 7 35	3 9 25		SEPT. .	{ 15 4 23	15 9 55
	NOV. .	{ 1 20 19	2 2 49		○	{ 29 22 45	29 9 16
	○	{ 16 14 41	16 4 37		OCT. .	29 11 29	28 23 51
	DEC. .	{ 1 9 3	1 18 53		NOV. .	28 0 13	27 17 4
		{ 30 21 47	31 8 55		DEC. .	27 12 57	27 11 56
91.	JAN. .	29 10 31	29 20 44	88.	JAN. .	26 1 41	26 6 58
D.	FEB. .	27 23 15	28 6 30	G.	FEB. .	24 14 25	25 0 42
24 2 26	MAR. .	29 11 59	29 14 42	23 19 52	○	{ 11 8 47	11 5 57
	APRIL	28 0 43	27 22 11		MAR. .	{ 26 8 9	26 15 55
	○	{ 12 19 5	13 3 43		APRIL	24 15 58	25 4 14
	MAY .	{ 27 13 27	27 5 53		MAY .	24 4 37	24 13 58
	JUNE .	26 2 11	25 14 52		JUNE .	22 17 21	22 21 58
	JULY .	25 14 55	25 2 8		JULY .	22 6 5	22 5 20
	AUG. .	24 3 39	23 16 14		AUG. .	20 18 49	20 13 8
	SEPT. .	22 16 23	22 9 2		○	{ 4 18 11	4 18 10
	OCT. .	22 5 7	22 3 39		SEPT. .	{ 19 7 33	18 22 5
	○	{ 5 23 29	5 13 33		OCT. .	18 20 17	18 9 0
	NOV. .	{ 20 17 51	20 22 43		NOV. .	17 9 1	16 22 12
	DEC. .	20 6 35	20 16 39		DEC. .	16 21 45	16 13 37
90.	JAN. .	18 19 20	19 3 20	87.	JAN. .	15 10 30	15 6 45
C.	FEB. .	17 8 4	17 21 8	F.	FEB. .	{ 13 28 14	14 0 37
24 8 15	MAR. .	18 20 43	19 7 15	24 1 41	○	{ 28 17 36	28 22 4
	APRIL	17 9 32	17 15 17		MAR. .	15 11 58	15 13 7
	MAY .	16 22 16	16 22 12		APRIL	14 0 42	14 10 4
	JUNE .	15 11 0	15 5 1		MAY .	13 13 26	13 23 50
	JULY .	14 23 44	14 12 52		JUNE .	12 2 10	12 11 13
	AUG. .	13 12 28	12 22 49		JULY .	11 14 54	11 20 53
	SEPT. .	12 1 12	11 11 33		AUG. .	{ 10 3 33	10 5 40
	OCT. .	11 13 56	11 3 32		○	{ 24 22 0	24 13 7
	NOV. .	10 2 40	9 21 57		SEPT. .	8 16 22	8 14 21
	DEC. .	9 15 24	9 17 31		OCT. .	8 5 6	7 23 47
					NOV. .	6 17 50	6 10 21
					DEC. .	6 6 34	5 22 23

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 86. E. March. d. h. m. 24 7 30		d. h. m.	d. h. m.	B.C. 83. A. March. d. h. m. 24 0 56		d. h. m.	d. h. m.
	JAN. .	4 19 19	4 11 58		JAN. .	{ 1 10 29 30 23 13	1 17 58 31 4 24
	FEB. .	3 8 3	3 2 38		FEB. .	...	...
	MAR. .	4 20 47	4 18 26		MAR. .	{ 1 11 57 31 0 41	1 13 36 30 22 9
	APRIL	3 9 31	3 10 40		APRIL	29 13 25	29 6 51
	MAY .	2 22 15	3 2 38		MAY .	29 2 9	28 16 35
	JUNE .	{ 1 10 59 30 23 43	1 17 32		JUNE .	27 14 53	27 4 16
	JULY .	30 12 27	{ 1 6 55 30 18 47		JULY .	27 3 37	26 18 19
	AUG. .	29 1 11	29 5 31		AUG. .	25 16 21	25 10 35
	SEPT. .	27 13 55	27 15 47		SEPT. .	24 5 5	24 4 15
	OCT. .	27 2 39	27 2 7		OCT. .	23 17 49	23 22 12
	NOV. .	25 15 23	25 12 49		NOV. .	22 6 33	22 15 15
	DEC. .	25 4 7	24 23 57		DEC. .	21 19 17	22 6 28
	O	{ 8 22 29 23 16 51	9 9 12 23 11 36		JAN. .	20 8 1	20 19 23
85. D.C. 23 13 19	JAN. .	22 5 35	21 23 55	82. G. 24 6 45	FEB. .	18 20 45	19 6 1
	FEB. .	22 18 19	22 13 10		MAR. .	20 9 29	20 14 45
	APRIL	21 7 3	21 3 24		APRIL	18 22 13	18 22 19
	MAY .	20 19 47	20 18 28		O	{ 3 16 35 18 10 57	3 23 56 18 5 38
	JUNE .	19 8 31	19 9 51		MAY .	16 23 41	16 13 44
	O	{ 4 2 53 18 21 15	3 20 33 19 0 55		JUNE .	16 12 25	15 23 44
	JULY .	17 9 59	17 15 10		JULY .	15 1 9	14 12 25
	AUG. .	15 22 43	16 4 25		AUG. .	13 13 53	13 4 1
	SEPT. .	15 11 27	15 16 46		SEPT. .	{ 13 2 37 27 20 59	12 22 2 27 17 41
	OCT. .	14 0 11	14 4 27		O	11 15 21	11 17 12
	NOV. .	{ 18 12 55 28 7 17	18 15 33 28 9 33		NOV. .	11 4 5	11 11 59
	DEC. .				DEC. .		
	O						
84. B. 23 19 8	JAN. .	12 1 40	12 2 10	81. F.E. 23 12 34	JAN. .	9 16 50	10 4 56
	FEB. .	10 14 24	10 12 22		FEB. .	8 5 34	8 19 9
	MAR. .	12 3 8	11 22 32		MAR. .	8 18 18	9 6 28
	APRIL	10 15 52	10 9 16		APRIL	{ 7 7 2 22 1 24	7 15 20 22 0 81
	MAY .	10 4 36	9 21 11		O	6 19 46	6 22 35
	JUNE .	{ 8 17 20 23 11 42	8 10 42 23 13 47		MAY .	5 8 80	5 5 16
	O	8 6 4	8 1 46		JUNE .	4 21 14	4 12 28
	JULY .	6 18 48	6 17 52		JULY .	3 9 58	2 21 17
	AUG. .	5 7 32	5 10 12		AUG. .	1 22 42	{ 1 8 40 80 28 7
	SEPT. .	4 20 16	5 2 1		SEPT. .	{ 1 11 26 16 5 48	16 9 17 31 0 10
	OCT. .	3 9 0	3 16 46		OCT. O	29 12 54	29 11 40
	NOV. .	{ 2 21 44 17 16 6	3 6 7 17 9 34		NOV. .	29 1 38	29 7 10
	DEC. .				DEC. .		
	O						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 80. D. March. <i>d. h. m.</i> 23 18 23		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 77. A.G. March. <i>d. h. m.</i> 23 11 49		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	27 14 23	28 1 21		JAN. .	25 5 32	24 23 10
	FEB. .	26 3 7	26 16 51		○	{ 8 23 54	9 12 32
	MAR. .	27 15 51	28 5 16		FEB. .	{ 23 18 16	23 14 12
	○	{ 11 10 13	11 3 57		MAR. .	{ 24 7 0	24 6 1
	APRIL	{ 26 4 35	26 14 53		APRIL	22 19 44	22 22 2
	MAY .	25 17 19	25 22 33		MAY .	22 8 28	22 13 30
	JUNE .	24 6 3	24 5 21		JUNE .	20 21 12	21 3 45
	JULY .	23 18 47	23 12 22		JULY .	20 9 56	20 16 34
	AUG. .	22 7 31	21 20 40		○	{ 4 4 18	3 14 49
	SEPT. .	20 20 15	20 7 8		AUG. .	{ 18 22 40	19 4 4
	○	{ 5 14 37	5 20 56		SEPT. .	17 11 24	17 14 47
	OCT. .	{ 20 8 59	19 20 19		OCT. .	17 0 8	17 1 15
	NOV. .	18 21 43	18 12 16		NOV. .	15 12 52	15 11 53
	DEC. .	18 10 27	18 6 23		DEC. .	15 1 36	14 22 46
79. C. 24 0 12	JAN. .	16 23 11	17 1 23	76. F. 23 17 38	JAN. .	{ 13 14 21	13 10 2
	FEB. .	15 11 55	15 19 49		○	{ 28 8 43	28 21 23
	MAR. .	17 0 39	17 12 16		FEB. .	12 3 5	11 21 44
	APRIL	15 13 23	16 2 0		MAR. .	13 15 49	13 10 10
	MAY .	15 2 7	15 12 57		APRIL	12 4 33	11 23 37
	JUNE .	13 14 51	13 21 47		MAY .	11 17 17	11 14 8
	JULY .	13 3 35	13 5 27		JUNE .	10 6 1	10 5 23
	AUG. .	11 16 19	11 13 1		JULY .	{ 9 13 45	9 20 47
	SEPT. .	10 5 3	9 21 28		○	{ 24 13 7	24 4 9
	OCT. .	9 17 47	9 7 32		AUG. .	8 7 29	8 11 43
	NOV. .	8 6 31	7 19 37		SEPT. .	6 20 13	7 1 46
	DEC. .	7 19 15	7 9 53		OCT. .	6 8 57	6 14 51
					NOV. .	4 21 41	5 3 3
					DEC. .	4 10 25	4 14 33
78. B. 24 6 1	JAN. .	6 8 0	6 2 4	75. E. 23 23 27	JAN. .	2 23 10	3 1 21
	FEB. .	{ 4 20 44	4 19 23		FEB. .	1 11 54	1 11 34
	○	{ 19 15 6	19 21 45		MAR. .	3 0 38	2 21 23
	MAR. .	6 9 28	6 13 5		APRIL	1 13 22	{ 1 7 33
	APRIL	4 22 12	5 5 46		MAY .	{ 1 2 6	{ 30 18 33
	MAY .	4 10 56	4 20 38			{ 30 14 50	30 7 4
	JUNE .	2 23 40	3 9 17		○	{ 14 9 12	14 13 53
	JULY .	2 12 24	2 19 54		JUNE .	{ 29 3 34	28 21 20
		{ 1 1 8	1 5 10		JULY .	28 16 18	28 13 6
	AUG. ○	{ 15 19 30	15 8 39		AUG. .	27 5 2	27 5 33
		{ 30 13 52	30 14 0		SEPT. .	25 17 46	25 22 5
	SEPT. .	29 2 36	28 23 12		OCT. .	25 6 30	25 13 41
	OCT. .	28 15 20	28 9 20		NOV. .	23 19 14	24 3 53
	NOV. .	27 4 4	26 20 39		○	{ 8 13 36	8 5 4
	DEC. .	26 16 48	26 9 17		DEC. .	{ 23 7 53	23 16 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 74. D. March. d. h. m. 24 5 16		d. h. m.	d. h. m.	B.C. 71. G. March. d. h. m. 23 22 42		d. h. m.	d. h. m.
	JAN. .	21 20 42	22 3 41		JAN. .	18 11 52	18 20 26
	FEB. .	20 9 26	20 13 17		FEB. .	17 0 36	17 13 18
	MAR. .	21 22 10	21 21 52		MAR. .	18 13 20	19 3 11
	APRIL .	20 10 54	20 6 10		○	{ 2 7 42	2 1 27
	MAY .	19 23 38	19 15 5		APRIL .	{ 17 2 4	17 14 5
	○	{ 3 18 0	4 3 42		MAY .	16 14 48	16 22 35
	JUNE .	{ 18 12 22	18 1 35		JUNE .	15 3 32	15 5 42
	JULY .	18 1 6	17 14 24		JULY .	14 16 16	14 12 32
	AUG. .	16 13 50	16 5 40		AUG. .	13 5 0	12 20 13
	SEPT. .	15 2 34	14 22 56		SEPT. .	{ 11 17 44	11 5 37
	OCT. .	14 15 18	14 17 7		○	{ 26 12 6	26 17 44
	NOV. .	{ 13 4 2	13 11 0		OCT. .	11 6 28	10 17 29
	○	{ 27 22 24	27 13 20		NOV. .	9 19 12	9 8 7
	DEC. .	12 16 46	13 3 21		DEC. .	9 7 56	9 1 11
73. C.B. 23 11 5	JAN. .	11 5 31	11 17 28	70. F. 24 4 31	JAN. .	7 20 41	7 19 47
	FEB. .	9 18 15	10 5 9		FEB. .	6 9 25	6 14 33
	MAR. .	10 6 59	10 14 37		MAR. .	{ 7 22 9	8 7 58
	APRIL .	8 19 43	8 22 31		○	{ 22 16 31	22 13 50
	MAY .	{ 8 8 27	8 5 40		APRIL .	6 10 53	6 23 2
	○	{ 23 2 49	23 10 27		MAY .	5 23 37	6 11 20
	JUNE .	6 21 11	6 18 9		JUNE .	4 12 21	4 21 10
	JULY .	6 9 55	5 22 2		JULY .	4 1 5	4 5 23
	AUG. .	4 22 39	4 9 19		AUG. .	2 13 49	{ 2 13 3
	SEPT. .	3 11 23	2 23 33		SEPT. ○	{ 1 2 33	{ 31 21 9
	OCT. .	3 0 7	2 16 35			{ 15 20 55	15 20 30
	NOV. .	{ 1 12 51	1 11 29			{ 30 15 17	30 6 30
	○	{ 16 7 13	16 3 29		OCT. .	30 4 1	29 17 37
	DEC. .	{ 1 1 35	1 6 47		NOV. .	28 16 45	28 6 47
		{ 30 14 19	31 0 51		DEC. .	28 5 29	27 21 55
72. A. 23 16 54	JAN. .	29 8 4	29 16 29	69. E.D. 23 10 20	JAN. .	26 18 14	26 14 36
	FEB. .	27 15 48	28 5 9		FEB. .	25 6 53	25 7 59
	MAR. .	29 4 32	29 15 8		○	{ 11 1 20	11 6 12
	APRIL .	27 17 16	27 22 54		MAR. .	{ 25 19 42	26 1 4
	MAY .	27 6 0	27 5 40		APRIL .	24 8 26	24 16 50
	JUNE .	25 13 44	25 12 27		MAY .	23 21 10	24 6 37
	JULY .	25 7 23	24 20 22		JUNE .	22 9 54	22 13 19
	AUG. .	23 20 12	23 6 27		JULY .	21 22 33	22 4 21
	SEPT. .	22 8 56	21 19 25		AUG. .	20 11 22	20 13 32
	OCT. .	21 21 40	21 11 27		○	{ 4 5 44	8 20 20
	NOV. .	20 10 24	20 5 55		SEPT. .	{ 19 0 6	18 22 41
	DEC. .	19 23 8	20 1 23		OCT. .	18 12 50	18 8 29
					NOV. .	17 1 34	16 19 17
					DEC. .	16 14 13	16 7 11

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 68. c. March. d. h. m. 23 16 9		d. h. m.	d. h. m.	B.C. 65. g.f. March. d. h. m. 23 9 35		d. h. m.	d. h. m.
	JAN. .	15 3 2	14 20 15		JAN. .	12 18 12	13 2 48
	FEB. .	13 15 46	13 10 28		FEB. .	11 6 56	11 12 53
	MAR. .	15 4 30	15 1 39		MAR. .	11 19 40	11 21 43
	APRIL	13 17 14	13 17 24		APRIL	10 8 24	10 5 50
	MAY .	13 5 58	13 9 7		MAY .	9 21 8	9 14 7
	JUNE .	11 18 42	12 0 5		JUNE .	8 9 52	7 23 31
	JULY .	11 7 26	11 13 48		JULY .	7 22 36	7 11 7
	AUG. .	9 20 10	10 2 10		AUG. .	6 11 20	6 1 13
	SEPT. .	8 8 54	8 13 29		SEPT. .	5 0 4	4 17 42
	OCT. .	7 21 38	8 0 16		OCT. .	4 12 48	4 11 47
	NOV. .	6 10 22	6 10 59		NOV. .	3 1 32	3 6 11
	DEC. .	5 23 6	5 21 47		DEC. .	2 14 16	2 23 35
67. B. 23 21 58	JAN. .	{ 4 11 51	4 8 45	64. E. 23 15 24	JAN. .	{ 1 3 0	1 14 57
	○	{ 19 6 13	19 17 11		FEB. .	{ 30 15 44	31 3 48
	FEB. .	3 0 35	2 20 0		...	...	...
	MAR. .	4 13 19	4 7 44		MAR. .	{ 1 4 29	1 14 12
	APRIL	3 2 3	2 20 21		...	{ 30 17 13	30 22 39
	MAY .	2 14 47	2 10 6		APRIL	29 5 57	29 5 55
	JUNE .	{ 1 3 31	1 0 55		○	{ 14 0 19	14 6 30
	○	{ 30 16 15	30 16 22		MAY .	{ 28 18 41	28 12 59
	JULY .	{ 15 10 37	15 4 8		JUNE .	{ 27 7 25	26 20 58
	AUG. .	{ 30 4 59	30 7 47		JULY .	{ 26 20 9	26 6 58
	SEPT. .	28 17 43	28 22 35		AUG. .	{ 25 8 53	24 19 45
	OCT. .	27 6 27	27 12 27		SEPT. .	{ 23 21 37	23 11 32
	NOV. .	26 19 11	27 1 20		OCT. .	{ 23 10 21	23 5 45
	DEC. .	25 7 55	25 13 20		○	{ 7 4 43	7 2 38
	○	{ 24 20 39	25 0 29		NOV. .	{ 21 23 5	22 1 10
66. A. 24 3 47	○	{ 8 15 2	8 17 25	63. D. 23 21 13	DEC. .	{ 21 11 49	21 20 7
	JAN. .	{ 23 9 24	23 10 53		JAN. .	20 0 33	20 13 4
	FEB. .	21 22 8	21 20 40		FEB. .	18 13 17	19 3 10
	MAR. .	23 10 52	23 6 18		MAR. .	20 2 1	20 14 17
	APRIL	21 23 36	21 16 30		APRIL	18 14 45	18 22 57
	MAY .	21 12 20	21 3 59		○	{ 3 9 7	3 7 6
	JUNE .	20 1 4	19 17 18		MAY .	{ 18 3 29	18 6 4
	○	{ 4 19 26	4 21 18		JUNE .	{ 16 16 13	16 12 41
	JULY .	{ 19 13 48	19 8 24		JULY .	{ 16 4 57	15 19 56
	AUG. .	18 2 32	18 0 48		AUG. .	{ 14 17 41	14 4 54
	SEPT. .	16 15 16	16 17 39		SEPT. .	{ 13 6 25	12 16 26
	OCT. .	16 4 0	16 10 3		OCT. .	{ 12 19 9	12 7 2
	NOV. .	14 16 44	15 1 17		○	{ 27 13 31	27 17 57
	DEC. .	{ 14 5 23	14 14 53		NOV. .	{ 11 7 53	11 0 26
	○	{ 23 23 50	23 17 43		DEC. .	{ 10 20 87	10 19 39

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 62. c. March. d. h. m. 24 8 1		d. h. m.	d. h. m.	B.C. 59. f. March. d. h. m. 23 20 28		d. h. m.	d. h. m.
	JAN. .	9 9 22	9 15 4		JAN. .	6 0 32	5 17 52
	FEB. .	7 22 6	8 9 2		FEB. .	4 13 16	4 7 15
	MAR. .	9 10 50	10 0 24		○	19 7 38	19 20 41
	APRIL	7 23 34	8 12 41		MAR. .	6 2 0	5 21 40
	○	22 17 56	22 11 0		APRIL	4 14 44	4 12 56
	MAY .	7 12 18	7 22 15		MAY .	4 3 28	4 4 35
	JUNE .	6 1 2	6 5 55		JUNE .	2 16 12	2 19 59
	JULY .	5 13 46	5 12 50		JULY .	2 4 56	2 10 29
	AUG. .	4 2 30	3 20 6		○	81 17 40	31 23 44
	SEPT. .	2 15 14	2 4 40		○	15 12 2	14 22 19
	○	2 3 58	1 15 22		AUG. .	80 6 24	30 11 49
	OCT. ○	16 22 20	17 5 7		SEPT. .	28 19 8	28 23 5
	○	31 16 42	31 4 38		OCT. .	28 7 52	28 9 59
	NOV. .	30 5 26	29 20 31		NOV. .	26 20 36	26 20 50
	DEC. .	29 18 10	29 14 22		DEC. .	26 9 20	26 7 41
61. B.A. 28 8 50	JAN. .	28 6 55	28 9 4	58. E. 24 2 17	JAN. .	24 22 5	24 18 36
	FEB. .	26 19 39	27 3 9		○	8 16 27	9 5 15
	MAR. .	27 8 23	27 19 23		FEB. .	23 10 49	23 5 47
	APRIL	25 21 7	26 9 2		MAR. .	24 23 33	24 17 37
	MAY .	25 9 51	25 20 3		APRIL	23 12 17	23 6 30
	JUNE .	23 22 35	24 5 4		MAY .	23 1 1	22 20 40
	JULY .	23 11 19	23 18 2		JUNE .	21 13 45	21 11 49
	AUG. .	22 0 8	21 21 0		JULY .	21 2 29	21 3 26
	SEPT. .	20 12 47	20 5 49		○	4 20 51	4 11 50
	OCT. .	20 1 31	19 16 8		AUG. .	19 15 13	19 13 52
	NOV. .	18 14 15	18 4 16		SEPT. .	18 8 57	18 9 32
	DEC. .	18 2 59	17 18 22		OCT. .	17 16 41	17 23 12
					NOV. .	16 5 25	16 11 50
					DEC. .	15 18 9	15 23 23
60 G. 23 14 39	JAN. .	16 15 43	16 10 7	57. D.C. 23 8 6	JAN. .	14 6 53	14 10 10
	FEB. .	15 4 27	15 2 59		FEB. .	12 19 37	12 20 2
	○	1 22 49	2 5 59		MAR. .	13 8 21	13 5 26
	MAR. .	16 17 11	16 20 7		APRIL	11 21 5	11 14 59
	APRIL	15 5 55	15 12 30		MAY .	11 9 49	11 1 31
	MAY .	14 18 39	15 8 18		JUNE .	9 22 33	9 13 44
	JUNE .	13 7 23	13 16 8		JULY .	9 11 17	9 8 56
	JULY .	12 20 7	13 8 6		AUG. .	8 0 1	7 19 53
	AUG. .	11 8 51	11 12 50		SEPT. .	6 12 45	6 12 51
	○	26 8 13	25 15 50		OCT. .	6 1 29	6 5 51
	SEPT. .	9 21 35	9 22 10		NOV. .	4 14 13	4 22 0
	OCT. .	9 10 19	9 7 47		DEC. .	4 2 57	4 12 37
	NOV. .	7 23 8	7 13 11		○	18 21 19	18 13 21
	DEC. .	7 11 47	7 5 30				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 56.		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 53.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				F.E.			
March.	JAN. .	2 15 42	3 1 23	March.	JAN. .	29 19 36	30 4 11
<i>d. h. m.</i>	FEB. .	1 4 26	1 12 16	<i>d. h. m.</i>	FEB. .	28 8 20	28 20 51
23 13 54	MAR. .	2 17 10	2 21 32	23 7 21	MAR. .	28 21 4	29 10 36
	APRIL	{ 1 5 54	1 5 43		○	{ 12 15 26	12 8 44
		{ 30 13 33	30 13 36		APRIL	{ 27 9 43	27 21 25
	MAY .	30 7 22	29 22 12		MAY .	26 22 32	27 5 54
	○	{ 14 1 44	14 10 44		JUNE .	25 11 16	25 13 9
	JUNE .	{ 28 20 6	28 8 32		JULY .	25 0 0	24 20 14
	JULY .	28 8 50	27 21 18		AUG. .	23 12 44	23 4 10
	AUG. .	26 21 34	26 12 46		SEPT. .	22 1 23	21 13 51
	SEPT. .	25 10 18	25 6 21		○	{ 6 19 50	7 1 42
	OCT. .	24 23 2	25 0 56		OCT. .	{ 21 14 12	21 1 52
	NOV. .	23 11 46	23 19 12		NOV. .	20 2 56	19 16 28
	○	{ 8 6 8	7 22 5		DEC. .	19 15 40	19 9 20
	DEC. .	{ 23 0 30	23 11 46				
				52.	JAN. .	18 4 24	18 3 36
				D.	FEB. .	16 17 8	16 21 57
				23 13 10	MAR. .	18 5 52	18 15 6
					○	{ 2 0 14	1 21 34
					APRIL	{ 16 18 36	17 6 1
					MAY .	16 7 20	16 18 19
					JUNE .	14 20 4	15 4 21
					JULY .	14 8 43	14 12 52
					AUG. .	12 21 32	12 20 53
					SEPT. .	{ 11 10 16	11 5 23
					○	{ 26 4 33	26 3 56
					OCT. .	10 23 0	10 15 3
					NOV. .	9 11 44	9 2 18
					DEC. .	9 0 23	8 15 23
				51.	JAN. .	7 13 13	7 6 11
				C.	FEB. .	6 1 57	5 22 19
				23 18 59	MAR. .	{ 7 14 41	7 15 11
					○	{ 22 9 3	22 14 11
					APRIL	6 3 25	6 7 51
					MAY .	5 16 9	5 23 27
					JUNE .	4 4 53	4 13 21
					JULY .	3 17 37	4 1 21
					AUG. .	{ 2 6 21	2 11 50
						{ 31 19 5	31 21 31
					○	{ 15 13 27	15 3 42
					SEPT. .	{ 30 7 49	30 7 9
					OCT. .	29 20 33	29 17 17
					NOV. .	28 9 17	28 4 10
					DEC. .	27 22 1	27 15 55
55.	JAN. .	21 13 15	22 1 55				
A.	FEB. .	20 1 59	20 13 24				
23 19 43	MAR. .	21 14 43	21 22 36				
	APRIL	20 3 27	20 6 12				
	MAY .	19 16 11	19 13 7				
	○	{ 3 10 33	3 17 2				
	JUNE .	{ 18 4 55	17 20 27				
	JULY .	17 17 39	17 5 19				
	AUG. .	16 6 23	15 16 40				
	SEPT. .	14 19 7	14 7 2				
	OCT. .	14 7 51	14 0 16				
	NOV. .	{ 12 20 35	12 19 23				
	○	{ 27 14 57	27 12 26				
	DEC. .	12 9 19	12 14 50				
54.	JAN. .	10 22 3	11 8 57				
G.	FEB. .	9 10 47	10 0 29				
24 1 32	MAR. .	10 23 31	11 13 0				
	APRIL	9 12 15	9 22 42				
	MAY .	9 0 59	9 6 22				
	JUNE .	7 13 43	7 13 5				
	JULY .	7 2 27	6 19 55				
	AUG. .	5 15 11	5 3 58				
	SEPT. .	4 3 55	3 14 13				
	OCT. .	3 16 39	3 3 21				
	NOV. .	2 5 23	1 19 23				
	DEC. .	{ 1 13 7	1 13 55				
		{ 31 6 51	31 9 22				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 50. B. March. d. h. m. 24 0 47		d. h. m.	d. h. m.	B.C. 47. E. March. d. h. m. 23 18 14		d. h. m.	d. h. m.
	JAN. .	26 10 46	26 4 34		○	{ 8 7 34	8 1 48
	FEB. .	24 23 30	24 18 11		JAN. .	{ 23 1 56	23 11 22
	MAR. .	26 12 14	26 8 45		FEB. .	21 14 40	21 21 15
	APRIL	25 0 58	25 0 5		MAR. .	23 3 24	23 5 42
	MAY .	24 13 42	24 15 36		APRIL	21 16 8	21 13 25
	JUNE .	23 2 26	23 6 39		MAY .	21 4 52	20 21 23
	JULY .	22 15 10	22 20 44		JUNE .	19 17 36	19 6 37
	AUG. .	21 3 54	21 9 40		○	{ 4 11 58	4 19 19
	SEPT. .	19 16 38	19 21 35		JULY .	{ 19 6 20	18 18 4
	OCT. .	19 5 22	19 8 52		AUG. .	17 19 4	17 8 16
	NOV. .	17 18 6	17 19 53		SEPT. .	16 7 48	16 1 0
	DEC. .	17 6 50	17 6 45		OCT. .	15 20 32	15 19 28
					NOV. .	14 9 16	14 14 14
					DEC. .	13 22 0	14 7 54
49. A.G. 23 6 36	JAN. .	{ 15 19 34	15 17 30		JAN. .	12 10 44	12 23 21
	○	{ 30 13 56	31 1 1	46. D. 24 0 3	FEB. .	10 23 28	11 12 5
	FEB. .	14 8 18	14 4 15		MAR. .	12 12 12	12 22 15
	MAR. .	14 21 2	14 15 24		APRIL	11 0 56	11 6 24
	APRIL	13 9 46	13 3 27		MAY .	10 13 40	10 13 25
	MAY .	12 22 30	12 16 45		JUNE .	9 2 24	8 20 20
	JUNE .	11 11 14	11 7 23		JULY .	8 15 8	8 4 17
	JULY .	{ 10 23 58	10 22 54		AUG. .	7 3 52	6 14 19
	○	{ 25 18 20	25 11 45		SEPT. .	5 16 36	5 3 13
	AUG. .	9 12 42	9 14 42		OCT. .	5 5 20	4 19 11
	SEPT. .	8 1 26	8 6 4		NOV. .	{ 3 18 4	3 13 36
	OCT. .	7 14 10	7 20 34		○	{ 18 12 26	18 11 30
	NOV. .	6 2 54	6 9 57		DEC. .	3 6 48	3 9 9
	DEC. .	5 15 38	5 22 12				
48. F. 23 12 25	JAN. .	{ 4 4 23	4 9 21		JAN. .	{ 1 19 33	2 4 8
	○	{ 18 22 45	19 1 10	45. C.B. 23 5 52	FEB. .	{ 31 8 17	31 21 4
	FEB. .	2 17 7	2 19 28		...	29 21 1	...
	MAR. .	4 5 51	4 4 49		...	...	{ 1 11 2
	APRIL	2 13 35	2 13 57		MAR. .	30 9 45	{ 30 21 59
	MAY .	{ 2 7 19	1 23 39		APRIL	28 22 29	29 6 29
	JUNE .	{ 31 20 3	31 10 47		○	{ 13 16 51	13 13 39
	○	{ 15 3 9	15 4 49		MAY .	{ 28 11 13	28 13 31
	JULY .	{ 29 21 31	29 15 6		JUNE .	26 23 57	26 20 10
	AUG. .	23 10 15	23 7 50		JULY .	26 12 41	26 3 33
	SEPT. .	26 22 59	27 1 11		AUG. .	25 1 25	24 12 41
	OCT. .	26 11 43	26 18 8		SEPT. .	23 14 9	23 0 23
	NOV. .	25 0 27	25 9 47		OCT. .	23 2 53	22 15 6
	DEC. .	24 13 11	24 23 35		○	{ 6 21 15	7 2 42
					NOV. .	{ 21 15 37	21 8 30
					DEC. .	21 4 21	21 3 35

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 44. A. March. d. h. m. 23 11 40		d. h. m.	d. h. m.	B.C. 41. E.D. March. d. h. m. 23 5 7		d. h. m.	d. h. m.
	JAN. .	19 17 5	19 22 48		JAN. .	17 8 16	17 2 23
	FEB. .	18 5 50	18 16 36		FEB. .	15 21 0	15 15 13
	MAR. .	19 18 34	20 7 47		○	{ 1 15 22	2 4 41
	APRIL	18 7 18	18 19 59		MAR. .	{ 16 9 44	16 5 1
	○	{ 3 1 40	2 18 1		APRIL	14 22 28	14 19 45
	MAY .	{ 17 20 2	18 5 32		MAY .	14 11 12	14 11 5
	JUNE .	16 8 46	16 13 19		JUNE .	12 23 56	13 2 23
	JULY .	15 21 30	15 20 27		JULY .	12 12 40	12 17 13
	AUG. .	14 10 14	14 3 59		AUG. .	{ 11 1 24	11 6 59
	SEPT. .	12 22 58	12 12 51		○	{ 25 19 46	25 5 58
	OCT. .	{ 12 11 42	11 23 45		SEPT. .	9 14 8	9 19 40
	○	{ 27 6 4	27 13 23		OCT. .	9 2 52	9 7 30
	NOV. .	11 0 26	10 13 5		NOV. .	7 15 36	7 18 49
	DEC. .	10 13 10	10 4 48		DEC. .	7 4 20	7 5 49
43. G. 23 17 29	JAN. .	9 1 54	8 22 20	40. C. 23 10 56	JAN. .	5 17 4	5 16 33
	FEB. .	7 14 38	7 16 36		FEB. .	{ 4 5 48	4 3 5
	MAR. .	9 3 22	9 10 19		○	{ 19 0 10	19 12 56
	APRIL	7 16 6	8 2 21		MAR. .	5 18 32	5 13 42
	MAY .	7 4 50	7 15 57		APRIL	4 7 16	4 0 57
	JUNE .	5 17 34	6 3 7		MAY .	3 20 0	3 13 21
	JULY .	5 6 18	5 12 24		JUNE .	2 8 44	2 3 11
	AUG. .	3 19 2	3 20 44		JULY .	{ 1 21 28	1 18 19
	SEPT. .	2 7 46	2 5 6		○	{ 31 10 12	31 10 12
	OCT. .	{ 1 20 30	1 14 18		○	{ 15 4 34	14 19 39
	○	{ 31 9 14	31 0 50		AUG. .	{ 29 22 56	30 2 7
	NOV. .	29 21 58	29 12 59		SEPT. .	28 11 40	28 17 24
	DEC. .	29 10 42	29 2 48		OCT. .	28 0 24	28 7 38
42. F. 23 23 18	JAN. .	27 23 26	27 18 5	39. B. 23 16 45	JAN. .	24 14 87	24 18 53
	FEB. .	26 12 11	26 10 23		FEB. .	23 3 21	23 4 22
	○	{ 13 6 33	13 14 5		MAR. .	24 16 5	24 13 16
	MAR. .	{ 28 0 55	28 3 3		APRIL	23 4 49	22 22 20
	APRIL	26 13 39	26 19 10		MAY .	22 17 33	22 8 29
	MAY .	26 2 23	26 9 58		JUNE .	21 6 17	20 20 27
	JUNE .	24 15 7	24 23 0		JULY .	20 19 1	20 10 88
	JULY .	24 3 51	24 10 23		AUG. .	19 7 45	19 2 48
	AUG. .	22 16 35	22 20 38		SEPT. .	17 20 29	17 20 11
	○	{ 6 10 57	5 23 11		OCT. .	17 9 13	17 13 44
	SEPT. .	{ 21 5 19	21 6 28		NOV. .	15 21 57	16 6 20
	OCT. .	20 18 3	20 16 29		DEC. .	{ 15 10 41	15 21 15
	NOV. .	19 6 47	19 3 5		○	{ 30 5 3	29 21 38
	DEC. .	18 19 31	18 14 22				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 38. A. March. d. h. m. 23 22 33		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 35. D. March. d. h. m. 23 16 0		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	13 23 25	14 10 2		JAN. .	10 14 35	10 17 11
	FEB. .	12 12 9	12 20 43		FEB. .	9 3 19	9 11 44
	MAR. .	14. 0 53	14 5 39		MAR. .	10 16 3	11 4 14
	APRIL	12 13 37	12 13 25		APRIL	9 4 47	9 17 51
	MAY .	12 2 21	11 20 59		○	23 23 9	23 15 56
	JUNE .	10 15 5	10 5 20		MAY .	8 17 31	9 4 37
	○	25 9 27	25 17 45		JUNE .	7 6 15	7 13 13
	JULY .	10 3 49	9 15 32		JULY .	6 18 59	6 20 33
	AUG. .	8 16 33	8 4 21		AUG. .	5 7 43	5 3 59
	SEPT. .	7 5 17	6 19 59		SEPT. .	3 20 27	3 12 15
	OCT. .	6 18 1	6 13 53		OCT. .	3 9 11	2 22 11
	NOV. .	5 6 45	5 8 50		○	18 3 33	18 9 43
	DEC. .	4 19 29	5 3 22		NOV. .	1 21 55	1 10 21
	○	19 13 51	19 6 49		DEC. .	1 10 39	1 0 52
						30 23 23	30 17 27
37. G.F. 23 4 22	JAN. .	3 8 14	3 20 7	34. C. 23 21 49	JAN. .	29 12 8	29 11 17
	FEB. .	1 20 58	2 10 12		FEB. .	28 0 52	28 5 14
	MAR. .	2 9 42	2 21 30		MAR. .	29 13 36	29 22 5
	APRIL	31 22 26	1 6 25		○	13 7 58	13 5 14
	MAY .	30 11 10	30 13 47		APRIL	28 2 20	28 12 54
	○	29 23 54	29 20 32		MAY .	27 15 4	28 1 17
	JUNE .	13 18 16	13 23 36		JUNE .	26 3 48	26 11 32
	JULY .	28 12 38	28 3 48		JULY .	25 16 32	25 20 24
	AUG. .	28 1 22	27 12 42		AUG. .	24 5 16	24 4 52
	SEPT. .	26 14 6	26 0 9		SEPT. .	22 18 0	22 13 46
	OCT. .	25 2 50	24 14 42		○	7 12 22	7 11 31
	NOV. .	21 15 34	24 8 5		OCT. .	22 6 44	21 23 44
	○	23 4 18	23 3 19		NOV. .	20 19 23	20 11 6
	DEC. .	7 22 40	7 21 23		DEC. .	20 8 12	20 0 0
		22 17 2	22 22 49				
36. E. 23 10 11	JAN. .	21 5 47	21 16 52	33. B.A. 23 3 33	JAN. .	18 20 57	18 14 22
	FEB. .	19 18 31	20 8 20		FEB. .	17 9 41	17 5 58
	MAR. .	21. 7 15	21 20 41		MAR. .	17 22 25	17 22 16
	APRIL	19 19 59	20 6 14		○	1 16 47	1 22 4
	MAY .	19 8 43	19 13 51		APRIL	16 11 9	16 14 34
	JUNE .	17 21 27	17 20 33		MAY .	15 23 53	16 6 3
	JULY .	17 10 11	17 3 30		JUNE .	14 12 37	14 20 3
	AUG. .	15 22 55	15 11 44		JULY .	14 1 21	14 8 26
	SEPT. .	14.11 39	13 22 10		AUG. .	12 14 5	12 19 24
	OCT. .	14. 0 23	13 11 27		SEPT. .	11 2 49	11 5 33
	NOV. .	12 13 7	12 3 35		○	25 21 11	25 11 13
	DEC. .	12. 1 51	11 21 56		OCT. .	10 15 33	10 15 44
					NOV. .	9 4 17	9 2 11
					DEC. .	8 17 1	8 13 7

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 32. g. March. d. h. m. 23 9 26	JAN. .	d. h. m. 7 5 45	d. h. m. 7 0 37	B.C. 29. D.C. March. d. h. m. 23 2 53	JAN. .	d. h. m. 4 20 55	d. h. m. 5 8 14
	FEB. .	5 18 29	5 12 47		○	19 15 17	19 9 50
	MAR. .	7 7 13	7 1 46		FEB. .	3 9 39	3 19 52
	APRIL	5 19 57	5 15 46		MAR. .	3 22 23	4 5 27
	MAY .	5 8 41	5 6 39		APRIL	2 11 7	2 18 32
	JUNE .	3 21 25	3 22 1		MAY .	1 23 51	1 20 56
	JULY .	3 10 9	3 13 14		○	31 12 35	31 4 38
	AUG. .	1 22 53	2 3 44		JUNE .	30 1 19	29 13 43
		31 11 37	31 17 14		○	14 19 41	15 2 33
	SEPT. .	30 0 21	30 5 46		JULY .	29 14 3	29 1 9
	OCT. .	29 13 5	29 17 33		AUG. .	28 2 47	27 15 28
	NOV. .	23 1 49	23 4 49		SEPT. .	26 15 31	26 8 28
	DEC. .	27 14 33	27 15 40		OCT. .	26 4 15	26 3 13
					NOV. .	24 16 59	24 22 17
					DEC. .	24 5 43	24 16 9
31. F.	JAN. .	26 3 18	26 2 9	28. B.	JAN. .	22 18 23	23 7 38
	○	9 21 40	10 8 43		FEB. .	21 7 12	21 20 14
23 15 15	FEB. .	24 16 2	24 12 25	23 8 42	MAR. .	22 19 56	23 6 9
	MAR. .	26 4 46	25 22 59		APRIL	21 8 40	21 14 3
	APRIL	24 17 30	24 10 29		MAY .	20 21 24	20 20 53
	MAY .	24 6 14	23 23 24		JUNE .	19 10 8	19 3 44
	JUNE .	22 18 58	22 13 52		JULY .	18 22 52	18 11 42
	JULY .	22 7 42	22 5 33		AUG. .	17 11 36	16 21 49
	○	6 2 4	5 19 32		SEPT. .	16 0 20	15 10 52
	AUG. .	20 20 26	20 21 45		OCT. .	15 13 4	15 2 59
	SEPT. .	19 9 10	19 13 42		NOV. .	14 1 48	13 21 32
	OCT. .	18 21 54	19 4 47		○	28 20 10	28 20 23
	NOV. .	17 10 38	17 18 38		DEC. .	13 14 32	13 17 8
	DEC. .	16 23 22	17 7 5				
30. E.	JAN. .	15 12 7	15 18 10	27. A.	JAN. .	12 3 17	12 12 6
	○	30 6 29	30 8 49		FEB. .	10 16 1	11 4 55
23 21 4	FEB. .	14 0 51	14 3 57	23 14 31	MAR. .	12 4 45	12 13 44
	MAR. .	15 13 35	15 12 50		APRIL	10 17 29	11 5 31
	APRIL	14 2 19	13 21 30		MAY .	10 6 13	10 13 57
	MAY .	13 15 3	13 6 47		○	25 0 35	24 20 12
	JUNE .	12 3 47	11 17 37		JUNE .	8 18 57	8 20 57
	JULY .	11 16 31	11 6 33		JULY .	8 7 41	8 8 43
	○	26 10 53	26 12 23		AUG. .	6 20 25	6 11 16
	AUG. .	10 5 15	9 21 57		SEPT. .	5 9 9	4 20 37
	SEPT. .	8 17 59	8 15 2		OCT. .	4 21 53	4 8 31
	OCT. .	8 6 43	8 8 52		NOV. .	3 10 37	2 23 18
	NOV. .	6 19 27	7 2 19		○	18 4 59	18 11 29
	DEC. .	6 8 11	6 18 19		DEC. .	2 23 21	2 16 37

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>
B.C. 26. G. March. <i>d. h. m.</i> 23 20 19	JAN. .	{ 1 12 5 31 0 49	1 11 30 31 6 27	B.C. 23. C. March. <i>d. h. m.</i> 23 13 46	JAN. .	27 15 59	27 10 48
	FEB. .	...	...		FEB. .	26 4 43	25 23 4
	MAR. .	{ 1 13 33 31 2 17	2 0 0 31 15 1		○	{ 12 23 5 27 17 27	13 12 30 27 12 15
	APRIL	29 15 1	30 3 8		APRIL	26 6 11	26 2 27
	○	{ 14 9 23 29 3 45	14 0 58 29 12 45		MAY .	25 18 55	25 17 31
	MAY .	27 16 29	27 20 43		JUNE .	24 7 39	24 8 55
	JUNE .	27 5 13	27 4 6		JULY .	23 20 23	24 0 1
	AUG. .	25 17 57	25 11 58		AUG. .	22 9 7	22 14 18
	SEPT. .	24 6 41	23 21 9		○	{ 6 3 29 20 21 51	5 13 46 21 3 36
	OCT. .	23 19 25	23 8 15		SEPT. .	20 10 35	20 16 0
	○	{ 7 13 47 22 8 9	7 21 42 21 21 36		OCT. .	18 23 19	19 3 42
	NOV. .	21 20 53	21 13 5		NOV. .	18 12 3	18 14 47
	DEC. .				DEC. .		
25. F.E. 23 2 8	JAN. .	20 9 38	20 6 13	22. B. 23 19 35	JAN. .	17 0 48	17 1 20
	FEB. .	18 22 22	19 0 2		FEB. .	15 13 32	15 11 26
	MAR. .	19 11 6	19 17 22		○	{ 2 7 54 17 2 16	2 20 28 16 21 32
	APRIL	17 23 50	18 9 11		MAR. .	15 15 0	15 8 12
	MAY .	17 12 34	17 22 47		APRIL	15 3 44	14 20 8
	JUNE .	16 1 18	16 10 9		MAY .	13 16 23	13 9 44
	JULY .	15 14 2	15 19 47		JUNE .	13 5 12	13 0 53
	AUG. .	14 2 46	14 4 32		JULY .	{ 11 17 56 26 12 18	11 17 5 26 3 39
	SEPT. .	12 15 30	12 13 22		○	{ 10 6 40 9 19 24	10 9 31 10 1 23
	OCT. .	12 4 14	11 22 55		SEPT. .	8 8 8	8 16 8
	NOV. .	10 16 58	10 9 39		OCT. .	7 20 52	8 5 36
	DEC. .	10 5 42	9 21 44		NOV. .		
24. D. 23 7 57	JAN. .	8 18 26	8 11 13	21. A.G. 23 1 24	DEC. .		
	FEB. .	7 7 10	7 1 57		JAN. .	6 9 36	6 17 11
	MAR. .	{ 8 19 54 23 14 16	8 17 41 23 22 2		FEB. .	4 22 20	5 3 27
	○	{ 7 8 33 6 21 22	7 9 50 7 1 42		MAR. .	5 11 4	5 12 32
	APRIL	5 10 6	5 16 32		APRIL	3 23 48	3 21 0
	MAY .	4 22 50	5 5 52		MAY .	3 12 32	3 5 39
	JUNE .	3 11 34	3 17 44		JUNE .	2 1 16	1 15 26
	AUG. .	{ 2 0 18 16 18 40	2 4 32 16 6 41		JULY .	{ 1 14 0 31 2 44	1 3 14 30 17 27
	SEPT. .	{ 1 13 2 31 1 46	1 14 53 31 1 19		AUG. .	29 15 28	29 9 52
	○	{ 29 14 30 29 3 14	29 12 3 23 23 12		SEPT. .	28 4 12	28 3 41
	OCT. .				OCT. .	27 16 56	27 21 41
	NOV. .				NOV. .	26 5 40	26 14 42
	DEC. .				DEC. .	25 18 24	26 5 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 20. F. March. <i>d. h. m.</i> 23 7 12		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 17. C.B. March. <i>d. h. m.</i> 23 0 39		<i>d. h. m.</i>	<i>d. h. m.</i>
	○	{ 9 12 47	9 5 52		JAN. .	21 22 19	22 0 56
	JAN. .	{ 24 7 9	24 18 34		FEB. .	20 11 3	20 19 11
	FEB. .	22 19 53	23 5 1		MAR. .	20 23 47	21 11 27
	MAR. .	24 8 37	24 13 36		APRIL	19 12 31	20 0 58
	APRIL	22 21 21	22 21 4		○	{ 4 6 53	3 23 5
	MAY .	22 10 5	22 4 22		MAY .	{ 19 1 15	19 11 48
	JUNE .	20 22 49	20 12 32		JUNE .	17 13 59	17 20 32
	○	{ 5 17 11	6 0 48		JULY .	17 2 43	17 4 12
	JULY .	{ 20 11 33	19 22 41		AUG. .	15 15 27	15 11 53
	AUG. .	19 0 17	18 11 34		SEPT. .	14 4 11	13 20 30
	SEPT. .	17 13 1	17 3 23		OCT. .	{ 13 16 55	13 6 42
	OCT. .	17 1 45	16 21 33		○	{ 28 11 17	28 17 51
	NOV. .	15 14 29	15 16 48		NOV. .	12 5 39	11 18 57
	DEC. .	{ 15 3 13	15 11 32		DEC. .	11 18 23	11 9 20
	○	{ 29 21 35	29 15 33				
19. E. 23 13 1	JAN. .	13 15 53	14 4 20	16. A. 23 6 28	JAN. .	10 7 8	10 1 34
	FEB. .	12 4 42	12 18 21		FEB. .	8 19 52	8 18 54
	MAR. .	13 17 26	14 5 27		MAR. .	10 8 36	10 12 23
	APRIL	12 6 10	12 14 8		APRIL	{ 8 21 20	9 4 55
	MAY .	11 18 54	11 21 18		○	{ 23 15 42	23 12 49
	JUNE .	{ 10 7 38	10 3 58		MAY .	8 10 4	8 19 33
	○	{ 25 2 0	25 6 11		JUNE .	6 22 48	7 8 10
	JULY .	9 20 22	9 11 14		JULY .	6 11 32	6 18 45
	AUG. .	8 9 6	7 20 13		AUG. .	5 0 16	5 4 3
	SEPT. .	6 21 50	6 7 49		SEPT. .	3 13 0	3 12 58
	OCT. .	6 10 34	5 22 30		OCT. .	{ 3 1 44	2 22 17
	NOV. .	4 23 18	4 16 0		○	{ 17 20 6	17 19 14
	DEC. .	{ 4 12 2	4 11 17		NOV. .	1 14 23	{ 1 8 32
	○	{ 19 6 24	19 6 22		DEC. .	{ 1 3 12	{ 30 19 57
18. D. 23 13 50	JAN. .	3 0 46	3 6 44	15. G. 23 12 17	JAN. .	29 4 40	28 22 29
	FEB. .	1 13 30	2 0 43		FEB. .	27 17 24	27 13 28
	MAR. .	3 2 14	3 16 1		MAR. .	29 6 8	29 5 13
	APRIL	1 14 58	2 4 13		○	{ 13 0 30	13 5 47
	MAY .	{ 1 3 42	1 13 40		APRIL	{ 27 18 52	27 21 8
	JUNE .	30 16 26	30 21 14		MAY .	27 7 36	27 12 31
	JULY .	29 5 10	29 4 8		JUNE .	25 20 20	26 2 44
	AUG. .	23 17 54	23 11 9		JULY .	25 9 4	25 15 33
	SEPT. .	25 19 22	25 6 17		AUG. .	23 21 48	24 3 5
	OCT. .	25 8 6	24 19 40		SEPT. .	22 10 32	22 18 52
	NOV. .	23 20 50	23 11 46		○	{ 7 4 54	6 18 54
	DEC. .	23 9 34	23 5 56		OCT. .	{ 21 23 16	22 0 25
					NOV. .	20 12 0	20 11 7
					DEC. .	20 0 44	19 22 2

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C. 14. F. March. <i>d. h. m.</i> 23 18 5		<i>d. h. m.</i>	<i>d. h. m.</i>	B.C. 11. B. March. <i>d. h. m.</i> 23 11 32		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	18 13 29	18 9 15		JAN. .	{ 15 4 39	15 16 45
	FEB. .	17 2 13	16 20 52		O	{ 29 23 1	29 17 46
	MAR. .	18 14 57	18 9 16		FEB. .	13 17 23	14 4 14
	APRIL	17 3 41	16 22 41		MAR. .	15 6 7	15 13 32
	MAY .	16 16 25	16 13 10		APRIL	13 18 51	13 21 17
	JUNE .	15 5 9	15 4 28		MAY .	13 7 35	13 4 24
	JULY .	14 17 53	14 19 53		JUNE .	11 20 19	11 11 54
	AUG. .	13 6 37	13 10 52		JULY .	{ 11 9 3	10 20 54
	SEPT. .	11 19 21	12 0 57		O	{ 26 3 25	26 9 51
	OCT. .	11 8 5	11 14 5		AUG. .	9 21 47	9 8 22
	NOV. .	9 20 49	10 2 19		SEPT. .	8 10 31	7 22 50
	DEC. .	9 9 33	9 13 47		OCT. .	7 23 15	7 16 3
					NOV. .	6 11 59	6 11 4
					DEC. .	6 0 43	6 6 23
13. E.D. 22 23 54	JAN. .	7 22 18	8 0 33	10. A. 23 17 21	JAN. .	4 13 28	5 0 21
	FEB. .	{ 6 11 2	6 10 40		FEB. .	3 2 11	3 15 45
	O	{ 21 5 24	21 16 16		MAR. .	4 14 55	5 4 12
	MAR. .	6 23 46	6 20 27		APRIL	3 3 39	3 13 54
	APRIL	5 12 30	5 6 28		MAY .	2 16 23	2 21 37
	MAY .	5 1 14	4 17 28		JUNE .	{ 1 5 7	1 4 19
	JUNE .	3 13 53	3 6 2		O	{ 30 17 51	30 11 9
	JULY .	3 2 42	2 20 25		JULY .	30 6 35	29 19 12
	AUG. O	{ 1 15 26	1 12 16		AUG. .	28 19 19	28 5 28
		{ 16 9 48	16 3 25		SEPT. .	27 8 3	26 18 41
		{ 31 4 10	31 4 55		OCT. .	26 20 47	26 10 55
	SEPT. .	29 16 54	29 21 26		NOV. .	25 9 31	25 5 31
	OCT. .	29 5 33	29 13 5		O	{ 10 3 53	10 5 27
	NOV. .	27 18 22	28 3 20		DEC. .	24 22 15	25 1 4
	DEC. .	27 7 6	27 15 54				
12. C. 23 5 43	JAN. .	25 19 50	26 2 49	9. G.F. 22 23 10	JAN. .	23 10 59	23 19 54
	O	{ 9 14 12	9 16 19		FEB. .	21 23 44	22 12 34
	FEB. .	{ 24 8 34	24 12 17		MAR. .	22 12 23	23 2 15
	MAR. .	25 21 18	25 20 45		APRIL	21 1 12	21 12 56
	APRIL	24 10 2	24 4 58		MAY .	20 13 56	20 21 19
	MAY .	23 22 46	23 13 54		O	{ 4 8 13	4 2 42
	JUNE .	22 11 30	22 0 29		JUNE .	{ 19 2 40	19 4 23
	JULY .	22 0 14	21 13 28		JULY .	18 15 24	18 11 18
	O	{ 5 18 36	5 20 11		AUG. .	17 4 8	16 19 7
	AUG. .	{ 20 12 58	20 4 56		SEPT. .	15 16 52	15 4 42
	SEPT. .	19 1 42	18 22 20		OCT. .	15 5 36	14 16 47
	OCT. .	18 14 26	18 16 38		NOV. .	{ 13 18 20	13 7 34
	NOV. .	17 3 10	17 10 30		O	{ 23 12 42	23 20 17
	DEC. .	16 15 54	17 2 47		DEC. .	13 7 4	13 0 44

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
B.C. 8. E. March. d. h. m. 23 4 58		d. h. m.	d. h. m.	B.C. 5. B.A. March. d. h. m. 22 22 25		d. h. m.	d. h. m.
	JAN. .	11 19 49	11 19 20		JAN. .	9 10 59	9 7 59
	FEB. .	10 8 33	10 13 59		FEB. .	7 23 43	7 19 9
	MAR. .	11 21 17	12 7 14		MAR. .	{ 8 12 27	8 6 49
	APRIL	10 10 1	10 22 6		○	{ 23 6 49	23 20 11
	MAY .	{ 9 22 45	10 10 13		APRIL	7 1 11	6 19 24
	○	{ 24 17 7	24 7 56		MAY .	6 13 55	6 9 9
	JUNE .	8 11 29	8 19 57		JUNE .	5 2 39	4 23 59
	JULY .	8 0 13	8 4 10		JULY .	4 15 23	4 15 28
	AUG. .	6 12 57	6 11 53		AUG. .	3 4 7	3 6 56
	SEPT. .	5 1 41	4 20 7		SEPT. .	{ 1 16 51	1 21 46
	OCT. .	4 14 25	4 5 37		○	{ 16 11 13	15 21 45
	NOV. .	{ 3 3 9	2 16 53		OCT. .	{ 1 5 35	1 11 41
	○	{ 17 21 31	18 6 5		NOV. .	{ 30 18 19	31 0 37
	DEC. .	{ 2 15 53	2 6 10		DEC. .	29 7 3	29 12 36
		...	31 21 22			28 19 47	28 23 42
7. D. 23 10 47	JAN. .	{ 1 4 37	...	4. G. 23 4 14	JAN. .	27 8 31	27 10 0
	FEB. .	{ 30 17 21	30 14 0		FEB. .	25 21 15	25 19 40
		...	...		○	{ 12 15 37	13 3 50
	MAR. .	{ 1 6 5	1 7 13		MAR. .	{ 27 9 59	27 5 13
	APRIL	{ 30 18 49	31 0 15		APRIL	25 22 43	25 15 23
	MAY .	29 7 33	29 15 52		MAY .	25 11 27	25 2 55
	JUNE .	28 20 17	29 5 34		JUNE .	24 0 11	23 16 17
	JULY .	27 9 1	27 17 11		JULY .	23 12 55	23 7 31
	AUG. .	26 21 45	27 3 13		AUG. .	22 1 39	22 0 8
	SEPT. .	25 10 29	25 12 27		○	{ 5 20 1	5 11 44
	SEPT. .	23 23 13	23 21 44		SEPT. .	{ 20 14 23	20 16 59
	OCT. .	23 11 57	23 7 39		OCT. .	20 8 7	20 9 27
	NOV. .	22 0 41	21 18 31		NOV. .	18 15 51	19 0 39
	DEC. .	21 13 25	21 6 23		DEC. .	18 4 35	18 14 11
6. C. 23 16 36	JAN. .	20 2 9	19 19 32	3. F. 23 10 3	JAN. .	16 17 20	17 1 55
	FEB. .	18 14 54	18 9 44		FEB. .	15 6 4	15 11 55
	MAR. .	20 3 38	20 0 50		MAR. .	16 18 43	16 20 37
	○	{ 3 22 0	4 5 50		APRIL	15 7 32	15 4 39
	APRIL	{ 18 16 22	18 16 32		MAY .	14 20 16	14 12 54
	MAY .	18 5 6	18 8 12		JUNE .	13 9 0	12 22 26
	JUNE .	16 17 50	16 23 7		JULY .	12 21 44	12 10 7
	JULY .	16 6 34	16 12 48		AUG. .	11 10 28	11 0 24
	AUG. .	14 19 18	15 1 11		SEPT. .	9 23 12	9 17 4
	SEPT. .	{ 13 8 2	13 12 33		OCT. .	9 11 56	9 11 16
	○	{ 28 2 24	27 14 21		NOV. .	8 0 40	8 5 44
	OCT. .	12 20 46	12 23 27		DEC. .	7 13 24	7 28 5
	NOV. .	11 9 30	11 10 12				
	DEC. .	10 22 14	10 21 1				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
B.C.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D.		<i>d. h. m.</i>	<i>d. h. m.</i>
2.	JAN. .	{ 6 2 9	6 14 19	2.	JAN. .	2 17 18	2 13 54
E.	○	{ 20 20 31	20 14 3	A.	FEB. .	1 6 2	1 8 32
March.	FEB. .	4 14 53	5 2 59	March.	MAR. .	2 18 46	3 2 28
<i>d. h. m.</i>	MAR. .	6 3 37	6 13 11	<i>d. h. m.</i>	APRIL	{ 1 7 30	1 18 30
23 15 51	APRIL	4 16 21	4 21 27		○	{ 30 20 14	{ 1 7 58
	MAY .	4 5 5	4 4 39		MAY .	{ 15 14 36	{ 15 6 11
	JUNE .	2 17 49	2 11 42		JUNE .	{ 30 8 58	{ 30 18 53
	○	{ 2 6 33	1 19 47		JULY .	28 21 42	29 3 51
	JULY ○	{ 17 0 55	17 7 54		AUG. .	26 23 10	26 19 54
	AUG. .	30 8 1	29 18 56		SEPT. .	25 11 54	25 4 52
	SEPT. .	28 20 45	28 11 6		OCT. .	25 0 38	24 15 20
	OCT. .	28 9 29	28 5 19		○	{ 8 19 0	9 2 1
	NOV. .	26 22 13	27 0 48		NOV. .	{ 23 13 22	23 3 37
	DEC. .	26 10 57	26 19 39		DEC. .	23 2 6	22 17 45
1.	○	{ 10 5 19	10 0 14	3.	JAN. .	21 14 50	21 9 31
D.C.	JAN. .	{ 24 23 41	25 12 26	G.	FEB. .	20 3 35	20 2 21
	FEB. .	23 12 25	24 2 19		MAR. .	21 16 19	21 19 22
22 21 40	MAR. .	24 1 9	24 13 14	23 15 7	APRIL	20 5 3	20 11 37
	APRIL	22 13 53	22 21 44		○	{ 4 23 25	4 20 19
	MAY .	22 2 37	22 4 46		MAY .	{ 19 17 47	20 2 19
	JUNE .	20 15 21	20 11 24		JUNE .	18 6 31	18 15 3
	○	{ 5 9 43	5 12 45		JULY .	17 19 15	18 1 59
	JULY .	{ 20 4 5	19 18 45		AUG. .	16 7 59	16 11 46
	AUG. .	18 16 49	18 3 52		SEPT. .	14 20 43	14 21 10
	SEPT. .	17 5 33	16 15 37		OCT. .	{ 14 9 27	14 6 55
	OCT. .	16 18 17	16 6 26		○	{ 29 3 49	29 2 59
	NOV. .	15 7 1	14 23 59		NOV. .	12 22 11	12 17 24
	DEC. .	{ 14 19 45	14 19 14		DEC. .	12 10 55	12 4 47
	○	{ 29 14 7	29 15 17	4.	JAN. .	10 23 40	10 17 9
A.D.	JAN. .	13 8 30	13 14 35	F.E.	FEB. .	9 12 24	9 6 30
1.	FEB. .	11 21 14	12 8 25	22 20 56	MAR. .	10 1 8	9 20 52
B.	MAR. .	13 9 58	13 23 32		APRIL	{ 8 13 52	8 12 4
23 3 29	APRIL	11 22 42	12 11 37		○	{ 23 8 14	23 13 27
	MAY .	11 11 26	11 21 1		MAY .	8 2 36	8 3 40
	JUNE .	{ 10 0 10	10 4 39		JUNE .	6 15 20	6 19 0
	○	{ 24 18 32	24 13 24		JULY .	6 4 4	6 9 30
	JULY .	9 12 54	9 11 36		AUG. .	4 16 48	4 22 45
	AUG. .	8 1 38	7 18 56		SEPT. .	3 5 32	3 10 53
	SEPT. .	6 14 22	6 3 40		OCT. .	{ 2 18 16	2 22 14
	OCT. .	6 3 6	5 14 33		○	{ 17 12 38	17 2 43
	NOV. .	4 15 50	4 4 1		NOV. .	{ 1 7 0	1 9 13
	DEC. .	4 4 34	3 20 1		DEC. .	{ 30 19 44	30 20 5
						30 8 28	30 6 55

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 5 D. March. d. h. m. 23 2 44		d. h. m.	d. h. m.	A.D. 8. A.G. March. d. h. m. 22 20 11		d. h. m.	d. h. m.
	JAN. .	28 21 13	28 17 47		JAN. .	26 12 22	27 1 9
	FEB. .	27 9 57	27 4 53		O	{ 10 6 44	10 1 36
	MAR. .	28 22 41	28 16 39		FEB. .	{ 25 1 6	25 12 27
	APRIL	27 11 25	27 5 33		MAR. .	25 18 50	25 21 27
	MAY .	27 0 9	26 19 42		APRIL	24 2 34	24 4 56
	JUNE .	25 12 53	25 10 55		MAY .	23 15 18	23 11 50
	JULY .	25 1 37	25 2 37		JUNE .	22 4 2	21 19 13
	AUG. .	23 14 21	23 18 4		JULY .	21 16 46	21 4 12
	SEPT. .	22 3 5	22 8 47		O	{ 5 11 8	5 17 13
	OCT. .	21 15 49	21 22 29		AUG. .	{ 20 5 30	19 15 44
	NOV. .	20 4 33	20 11 8		SEPT. .	18 18 14	18 6 20
	DEC. .	19 17 17	19 22 44		OCT. .	18 6 58	17 23 45
					NOV. .	16 19 42	16 18 58
					DEC. .	16 8 26	16 14 23
6. C.	JAN. .	18 6 1	18 9 19	9. F.	JAN. .	14 21 11	15 8 23
	FEB. .	13 18 45	16 19 4		FEB. .	13 9 55	13 23 45
	O	{ 3 18 7	3 23 38		MAR. .	14 22 39	15 12 1
23 8 33	MAR. .	{ 18 7 29	18 4 21	23 2 0	APRIL	13 11 23	13 21 32
	APRIL	16 20 13	16 13 52		MAY .	13 0 7	13 5 7
	MAY .	16 8 57	16 0 25		JUNE .	11 12 51	11 11 47
	JUNE .	14 21 41	14 12 42		JULY .	11 1 35	10 18 41
	JULY .	14 10 25	14 3 2		AUG. .	9 14 19	9 2 52
	AUG. .	{ 12 23 9	12 19 6		SEPT. .	8 3 3	7 13 19
	O	{ 27 17 31	27 11 26		OCT. .	7 15 47	7 2 40
	SEPT. .	11 11 53	11 12 10		NOV. .	6 4 31	5 18 57
	OCT. .	11 0 37	11 5 16		DEC. .	{ 5 17 15	5 13 30
	NOV. .	9 13 21	9 21 25		O	{ 20 11 37	20 14 24
	DEC. .	9 2 5	9 11 58				
7. B.	JAN. .	7 14 50	8 0 38	10. E.	JAN. .	4 5 59	4 8 56
	FEB. .	{ 6 3 34	6 11 22		FEB. .	2 18 43	3 3 36
	O	{ 20 21 56	20 23 42	23 7 49	MAR. .	4 7 27	4 20 4
23 14 22	MAR. .	7 16 18	7 20 29		APRIL	2 20 11	3 9 36
	APRIL	6 5 2	6 4 33		MAY .	{ 2 8 55	2 20 14
	MAY .	5 17 46	5 12 24		O	{ 31 21 39	{ 1 4 89
	JUNE .	4 6 30	3 21 1		JUNE .	{ 15 16 1	{ 15 9 14
	JULY .	3 19 14	3 7 26		O	{ 30 10 23	{ 30 11 52
		2 7 58	1 20 24		JULY .	29 23 7	29 19 0
	AUG. O	{ 17 2 20	17 4 0		AUG. .	28 11 51	28 8 6
		{ 31 20 42	31 12 3		SEPT. .	27 0 35	26 12 57
	SEPT. .	30 9 26	30 5 43		OCT. .	26 13 19	26 1 10
	OCT. .	29 22 10	30 0 29		NOV. .	25 2 3	24 15 54
	NOV. .	28 10 54	28 18 43		O	{ 9 20 25	10 5 5
	DEC. .	27 23 38	28 11 12		DEC. .	{ 24 14 47	24 8 50

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 11. D. March. d. h. m. 23 13 37		d. h. m.	d. h. m.	A.D. 14. G. March. d. h. m. 23 7 3		d. h. m.	d. h. m.
	JAN. .	23 3 32	23 3 6		JAN. .	19 18 42	19 16 40
	FEB. .	21 16 16	21 21 20		FEB. .	18 7 26	18 3 21
	MAR. .	23 5 0	23 14 18		MAR. .	19 20 10	19 14 27
	APRIL .	21 17 44	22 5 3		○	{ 3 14 32	4 3 42
	MAY .	21 6 28	21 17 13		APRIL	{ 18 8 54	18 2 26
	○	{ 5 0 50	4 14 52		MAY .	17 21 38	17 15 46
	JUNE .	19 19 12	20 3 9		JUNE .	16 10 22	16 6 25
	JULY .	19 7 56	19 11 40		JULY .	15 23 6	15 22 3
	AUG. .	17 20 40	17 19 47		AUG. .	14 11 50	14 13 53
	SEPT. .	16 9 24	16 4 24		SEPT. .	{ 13 0 34	13 5 19
	OCT. .	15 22 8	15 14 12		○	{ 27 18 56	27 5 52
	NOV. .	{ 14 10 52	14 1 36		OCT. .	12 13 18	12 19 52
	○	{ 29 5 14	29 14 26		NOV. .	11 2 2	11 9 16
	DEC. .	13 23 36	13 14 46		DEC. .	10 14 46	10 21 30
12. C.H. 22 19 26	JAN. .	12 12 21	12 5 36	15. F. 23 12 52	JAN. .	9 3 31	9 8 33
	FEB. .	11 1 5	10 21 41		FEB. .	7 16 15	7 18 33
	MAR. .	11 13 49	11 14 27		MAR. .	{ 9 4 59	9 3 46
	APRIL	10 2 33	10 7 1		○	{ 23 23 21	24 11 1
	MAY .	9 15 17	9 22 31		APRIL	7 17 43	7 12 50
	JUNE .	8 4 1	8 12 17		MAY .	7 6 27	6 22 32
	JULY .	7 16 45	8 0 16		JUNE .	5 19 11	5 9 43
	AUG. .	6 5 29	6 10 46		JULY .	5 7 55	4 22 58
	SEPT. .	4 18 13	4 20 31		AUG. .	3 20 39	3 14 17
	OCT. .	4 6 57	4 6 15		SEPT. .	{ 2 9 23	2 7 9
	NOV. .	2 19 41	2 16 29		○	{ 17 3 45	16 20 0
	DEC. .	{ 2 8 25	2 3 26		OCT. .	{ 1 22 7	2 0 36
		{ 31 21 10	31 15 13			{ 31 10 51	31 17 34
13. A. 23 1 15	JAN. .	30 9 54	30 3 49	16. E.D. 22 18 41	JAN. .	28 1 4	28 10 31
	FEB. .	28 22 38	28 17 23		FEB. .	26 13 48	26 20 14
	MAR. .	30 11 22	30 7 54		MAR. .	27 2 32	27 4 34
	○	{ 14 5 44	14 13 33		APRIL	25 15 16	25 12 12
	APRIL	{ 29 0 6	28 28 9		MAY .	25 4 0	24 20 9
	MAY .	28 12 50	28 14 38		JUNE .	23 16 44	23 5 29
	JUNE .	27 1 34	27 5 42		JULY .	23 5 23	22 17 5
	JULY .	26 14 18	26 19 48		AUG. .	21 18 12	21 7 29
	AUG. .	25 3 2	25 8 44		SEPT. .	20 6 56	20 0 25
	SEPT. .	23 15 46	23 20 43		OCT. .	19 19 40	19 18 59
	○	{ 8 10 8	7 22 10		NOV. .	18 8 24	18 13 47
	OCT. .	{ 23 4 30	23 8 5		DEC. .	17 21 8	18 7 24
	NOV. .	21 17 14	21 19 8				
	DEC. .	21 5 58	21 5 59				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 17. C. March. d. h. m. 23 0 30		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 20. G.F. March. d. h. m. 22 17 56		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 16 9 52	16 22 41		JAN. .	14 1 2	13 21 51
	○	{ 31 4 14	30 22 9		FEB. .	12 13 46	12 16 1
	FEB. .	14 22 36	15 11 13		MAR. .	13 2 30	13 9 36
	MAR. .	16 11 20	16 21 10		APRIL	11 15 14	12 1 27
	APRIL	15 0 4	15 5 11		MAY .	11 3 58	11 14 53
	MAY .	14 12 48	14 12 9		JUNE .	9 16 42	10 1 56
	JUNE .	13 1 32	12 19 3		JULY .	9 5 26	9 11 13
	JULY .	{ 12 14 16	12 3 6		AUG. .	7 18 10	7 19 36
	○	{ 27 8 38	27 15 3		SEPT. .	6 6 54	6 4 4
	AUG. .	11 3 0	10 13 19		OCT. .	5 19 38	5 13 25
	SEPT. .	9 15 44	9 2 26		NOV. .	{ 4 8 22	4 0 5
	OCT. .	9 4 28	8 18 36		○	{ 19 2 44	19 10 15
	NOV. .	7 17 12	7 13 11		DEC. .	3 21 6	3 12 19
	DEC. .	7 5 56	7 8 46				
18. B.	JAN. .	{ 5 18 41	6 3 40	21. E.	JAN. .	{ 2 9 51	2 2 11
	○	{ 20 13 3	20 8 50		FEB. .	...	...
	FEB. .	4 7 25	4 20 24	22 23 45	MAR. .	2 11 19	2 9 42
23 6 19	MAR. .	5 20 9	6 10 9		APRIL	{ 1 0 3	1 2 15
	APRIL	4 8 53	4 20 53		○	{ 30 12 47	30 18 14
	MAY .	3 21 37	4 5 15		JUNE .	{ 15 7 9	15 3 46
	JUNE .	2 10 21	2 12 13		MAY .	{ 30 1 31	30 8 57
	JULY ○	{ 1 23 5	1 18 54		JUNE .	28 14 15	28 21 57
		{ 16 17 27	16 19 27		JULY .	28 2 59	28 9 19
		{ 31 11 49	31 2 22		AUG. .	26 15 43	26 19 37
	AUG. .	30 0 33	29 11 42		SEPT. .	25 4 27	25 5 32
	SEPT. .	28 13 17	27 23 33		OCT. .	24 17 11	24 15 41
	OCT. .	28 2 1	27 14 32		○	{ 8 11 33	8 10 52
	NOV. .	26 14 45	26 8 4		NOV. .	{ 23 5 55	23 2 20
	DEC. .	26 3 29	26 3 11		DEC. .	22 18 39	22 13 38
19. A.	○	{ 9 21 51	10 0 8	22. D.	JAN. .	21 7 23	21 1 37
	JAN. .	{ 24 16 13	24 22 19	23 5 34	FEB. .	19 20 7	19 14 24
	FEB. .	23 4 57	23 15 55		MAR. .	21 8 51	21 4 9
23 12 8	MAR. .	24 17 41	25 6 52		APRIL	19 21 35	19 18 50
	APRIL	23 6 25	23 18 53		○	{ 4 15 57	4 20 59
	MAY .	22 19 9	23 4 18		MAY .	{ 19 10 19	19 10 8
	JUNE .	21 7 53	21 12 1		JUNE .	17 23 3	18 1 30
	○	{ 6 2 15	5 19 56		JULY .	17 11 47	17 16 16
	JULY .	{ 20 20 37	20 19 11		AUG. .	16 0 31	16 6 3
	AUG. .	19 9 21	19 2 51		SEPT. .	14 13 15	14 18 47
	SEPT. .	17 22 5	17 11 53		OCT. .	{ 14 1 59	14 6 42
	OCT. .	17 10 49	16 22 58		○	{ 28 20 21	28 10 38
	NOV. .	15 23 33	15 12 27		NOV. .	12 14 43	12 18 4
	DEC. .	15 12 17	15 4 17		DEC. .	12 3 27	12 5 8

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 23. c. March. d. h. m. 23 11 23		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 26. f. March. d. h. m. 23 4 49		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	10 16 12	10 15 44		JAN. .	7 7 22	7 19 31
	FEB. .	9 4 56	9 2 12		FEB. .	{ 5 20 6	6 9 25
	MAR. .	10 17 40	10 12 45		○	{ 20 14 28	20 9 20
	APRIL	9 6 24	8 23 56		MAR. .	7 8 50	7 20 31
	MAY .	8 19 8	8 12 19		APRIL	5 21 34	6 5 16
	JUNE .	7 7 52	7 2 13		MAY .	5 10 18	5 12 30
	JULY .	6 20 36	6 17 26		JUNE .	3 23 2	3 19 14
	AUG. .	5 9 20	5 9 23		JULY .	3 11 46	3 2 34
	SEPT. .	3 22 4	4 1 22			{ 2 0 30	1 11 37
	OCT. .	3 10 48	3 16 43		AUG. ○	{ 16 18 52	17 0 42
	NOV. .	1 23 32	2 6 58			{ 31 13 14	30 23 16
	DEC. .	{ 1 12 16	1 19 56		SEPT. .	30 1 58	29 14 1
		{ 31 1 0	31 7 35		OCT. .	29 14 42	29 7 36
					NOV. .	28 3 26	28 2 56
					DEC. .	27 16 10	27 22 24
24. B.A. 22 17 12	JAN. .	29 13 45	29 18 0	27. E. 23 10 33	JAN. .	26 4 55	26 16 20
	FEB. .	28 2 29	28 3 22		FEB. .	24 17 39	25 7 33
	○	{ 13 20 51	14 6 52		MAR. .	26 6 23	26 19 41
	MAR. .	{ 23 15 13	23 12 10		APRIL	24 19 7	25 5 3
	APRIL	27 3 57	26 21 12		MAY .	24 7 51	24 12 33
	MAY .	26 16 41	26 7 22		JUNE .	22 20 35	22 19 15
	JUNE .	25 5 25	24 19 26		JULY .	22 9 19	22 2 17
	JULY .	24 13 9	24 9 45		AUG. .	20 22 3	20 10 41
	AUG. .	23 6 53	23 2 5		SEPT. .	19 10 47	18 21 19
	○	{ 7 1 15	6 19 37		OCT. .	18 23 31	18 10 47
	SEPT. .	{ 21 19 37	21 19 35		NOV. .	17 12 15	17 3 6
	OCT. .	21 8 21	21 13 11		DEC. .	{ 17 0 59	16 21 32
	NOV. .	19 21 5	20 5 48		○	{ 31 19 21	31 23 19
	DEC. .	19 9 49	19 20 37				
25. G. 22 23 1	JAN. .	17 22 33	18 9 15	28. D.C. 22 16 27	JAN. .	15 13 43	15 16 44
	FEB. .	16 11 17	16 19 46		FEB. .	14 2 27	14 11 8
	○	{ 3 5 39	3 6 58		MAR. .	14 15 11	15 3 25
	MAR. .	{ 18 0 1	18 4 32		APRIL	13 3 55	13 16 51
	APRIL	16 12 45	16 12 14		MAY .	12 16 39	13 3 27
	MAY .	16 1 29	15 19 44		JUNE .	{ 11 5 23	11 11 57
	JUNE .	14 14 13	14 4 8		○	{ 25 23 45	25 15 49
	JULY .	14 2 57	13 14 28		JULY .	10 18 7	10 19 24
	AUG. .	{ 12 15 41	12 3 23		AUG. .	9 6 51	9 2 50
	○	{ 27 10 3	27 11 57		SEPT. .	7 19 35	7 11 14
	SEPT. .	11 4 25	10 19 18		OCT. .	7 8 19	6 21 21
	OCT. .	10 17 9	10 13 21		NOV. .	5 21 3	5 9 41
	NOV. .	9 5 53	9 8 24		DEC. .	{ 5 9 47	5 0 20
	DEC. .	8 18 37	9 2 54		○	{ 20 4 9	20 13 51

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 29. B. March. d. h. m. 22 22 16		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 32. F.E. March. d. h. m. 22 15 42		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	3 22 32	3 16 58		JAN. .	{ 1 13 41	1 14 53
	FEB. .	2 11 16	2 10 44		FEB. .	{ 31 2 25	31 1 16
	MAR. .	4 0 0	4 4 34		MAR. .	29 15 10	29 11 23
	APRIL	2 12 44	2 21 15		MAR. .	30 8 54	29 21 58
	MAY .	{ 2 1 28	2 11 53		○	{ 18 22 16	14 11 4
	○	{ 31 14 12	1 0 9		APRIL	{ 28 16 38	28 9 27
	JUNE .	{ 15 8 34	{ 14 21 52		MAY .	28 5 22	27 22 24
	JULY .	{ 30 2 56	{ 30 10 21		JUNE .	26 18 6	26 12 56
	AUG. .	29 15 40	29 19 15		JULY .	26 6 50	26 4 43
	SEPT. .	28 4 24	28 3 43		AUG. .	24 19 34	24 21 0
	OCT. .	26 17 8	26 12 50		SEPT. .	23 8 18	23 13 1
	NOV. .	26 5 52	25 22 56		○	{ 8 2 40	7 14 10
	○	{ 24 18 36	24 10 24		OCT. .	{ 22 21 2	23 4 8
	DEC. .	{ 9 12 58	9 22 49		NOV. .	21 9 46	21 17 58
		{ 24 7 20	23 23 21		DEC. .	20 22 30	21 6 21
30. A. 23 4 5	JAN. .	22 20 5	22 13 44	33. D. 22 21 31	JAN. .	19 11 14	19 17 19
	FEB. .	21 8 49	21 5 16		FEB. .	17 23 58	18 2 58
	MAR. .	22 21 33	22 21 30		MAR. .	19 12 42	19 11 45
	APRIL	21 10 17	21 13 41		○	{ 3 7 4	3 13 4
	MAY .	20 23 1	21 5 5		APRIL	{ 18 1 26	17 20 20
	○	{ 4 17 23	4 11 4		MAY .	17 14 10	17 5 37
	JUNE .	{ 19 11 45	19 19 2		JUNE .	16 2 54	15 13 32
	JULY .	19 0 29	19 7 23		JULY .	15 15 38	15 5 41
	AUG. .	17 13 13	17 18 23		AUG. .	14 4 22	13 21 9
	SEPT. .	16 1 57	16 4 42		SEPT. .	{ 12 17 6	12 14 22
	OCT. .	15 14 41	15 14 54		○	{ 27 11 28	27 4 23
	NOV. .	14 3 25	14 1 23		OCT. .	12 5 50	12 8 18
	DEC. .	13 16 9	13 12 23		NOV. .	10 18 34	11 1 46
31. G. 23 9 54	JAN. .	12 4 53	11 23 51	34. C. 23 3 20	DEC. .	10 7 13	10 17 43
	FEB. .	10 17 37	10 11 53		JAN. .	8 29 3	9 7 30
	MAR. .	12 6 21	12 0 55		FEB. .	7 8 47	7 13 59
	APRIL	{ 10 19 5	10 14 51		MAR. .	8 21 31	9 4 24
	○	{ 25 13 27	25 21 7		APRIL	7 10 15	7 12 22
	MAY .	10 7 49	10 5 43		MAY .	6 22 59	6 19 41
	JUNE .	8 20 33	8 21 4		JUNE .	5 11 43	5 8 23
	JULY .	8 9 17	8 12 18		JULY .	5 0 27	4 12 35
	AUG. .	6 22 1	7 2 50		AUG. .	3 18 11	3 0 13
	SEPT. .	5 10 45	5 16 23		SEPT. .	2 1 55	1 14 42
	OCT. .	{ 4 23 29	5 4 53		○	{ 1 14 39	1 7 53
	○	{ 19 17 51	19 6 8		OCT. .	{ 31 8 23	31 2 47
	NOV. .	3 12 13	3 16 43		NOV. .	29 16 7	29 21 52
	DEC. .	3 0 57	3 4 5		DEC. .	29 4 51	29 13 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 35. B. March. <i>d. h. m.</i> 23 9 9		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 38. E. March. <i>d. h. m.</i> 23 2 35		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	27 17 36	23 6 56		JAN. .	24 8 46	24 5 40
	○	{ 11 11 58	11 6 8		FEB. .	22 21 30	22 23 24
	FEB. .	{ 26 6 20	26 19 19		MAR. .	24 10 14	24 16 36
	MAR. .	27 19 4	23 5 3		APRIL	22 22 58	23 8 16
	APRIL	26 7 48	26 12 48		MAY .	22 11 42	22 21 44
	MAY .	25 20 32	25 19 36		JUNE .	21 0 26	21 9 0
	JUNE .	24 9 16	24 2 28		JULY .	20 13 10	20 18 38
	JULY .	23 22 0	23 10 33		AUG. .	19 1 54	19 3 28
	○	{ 7 16 22	7 22 17		SEPT. .	17 14 33	17 12 23
	AUG. .	{ 22 10 44	21 20 52		OCT. .	17 8 22	16 22 4
	SEPT. .	20 23 28	20 10 8		NOV. .	{ 15 16 6	15 8 55
	OCT. .	20 12 12	20 2 28		○	{ 30 10 28	30 13 29
	NOV. .	19 0 56	18 21 8		DEC. .	15 4 50	14 21 4
	DEC. .	18 13 40	18 16 45				
36. A.G. 22 14 58	JAN. .	{ 17 2 24	17 11 35	39. D. 23 8 24	JAN. .	13 17 34	13 10 33
	○	{ 31 20 46	31 17 20		FEB. .	12 6 18	12 1 15
	FEB. .	15 15 8	16 4 11		MAR. .	13 19 2	13 16 54
	MAR. .	16 3 52	16 17 47		APRIL	12 7 46	12 9 0
	APRIL	14 16 36	15 4 22		MAY .	{ 11 20 30	12 0 47
	MAY .	14 5 20	14 12 39		○	{ 26 14 52	26 11 10
	JUNE .	12 18 4	12 19 38		JUNE .	10 9 14	10 15 32
	JULY .	{ 12 6 48	12 2 26		JULY .	9 21 58	10 4 50
	○	{ 27 1 10	27 2 10		AUG. .	8 10 42	8 16 43
	AUG. .	10 19 32	10 10 8		SEPT. .	6 23 26	7 3 34
	SEPT. .	9 8 16	8 19 39		OCT. .	6 12 10	6 14 0
	OCT. .	8 21 0	8 7 46		NOV. .	{ 5 0 54	5 0 30
	NOV. .	7 9 44	6 22 43		○	{ 19 19 16	19 18 47
	DEC. .	6 22 28	6 16 10		DEC. .	4 13 38	4 11 18
37. F. 22 20 47	JAN. .	{ 5 11 13	5 11 4	40. C.B. 22 14 13	JAN. .	3 2 22	2 22 25
	○	{ 20 5 35	20 8 55		FEB. .	1 15 7	1 10 1
	FEB. .	3 23 57	4 5 55		MAR. .	{ 2 3 51	1 22 12
	MAR. .	5 12 41	5 23 16		○	{ 31 16 35	31 11 21
	APRIL	4 1 25	4 14 5		APRIL	30 5 19	30 1 32
	MAY .	3 14 9	4 2 2		○	{ 14 23 41	15 4 28
	JUNE .	2 2 53	2 11 32		MAY .	{ 29 18 3	29 16 35
	JULY ○	{ 1 15 37	1 19 27		JUNE .	28 6 47	28 8 0
	○	{ 16 9 59	16 2 35		JULY .	27 19 31	27 23 8
	○	{ 31 4 21	31 2 55		AUG. .	26 8 15	26 13 28
	AUG. .	29 19 5	29 10 54		SEPT. .	24 20 59	25 2 49
	SEPT. .	28 5 49	27 20 15		OCT. .	24 9 43	24 15 15
	OCT. .	27 18 33	27 7 31		○	{ 8 4 5	7 18 43
	NOV. .	26 7 17	25 21 0		NOV. .	{ 22 22 27	23 2 58
	DEC. .	25 20 1	25 12 33		DEC. .	22 11 11	22 14 1

JERUSALEM Civil Time.

Mean Vernal Equinox.	Month	Mean New Moon. (Full Ref.)	True New Moon. (Full Ref.)	Mean Vernal Equinox.	Month	Mean New Moon. (Full Ref.)	True New Moon. (Full Ref.)
A.D. 41. A. March. d. h. m. 22 20 2	JAN. .	20 23 56	21 0 30	A.D. 44. B.C. March d. h. m. 22 13 29	JAN. .	18 15 7	19 3 42
	FEB. .	19 12 40	19 10 31		FEB. .	17 3 40	17 17 31
	MAR. .	21 1 21	20 20 30		MAR. .	2 22 11	2 10 57
	APRIL .	19 14 8	19 7 9		APRIL .	17 16 33	19 1 24
	MAY .	19 2 52	18 19 6		MAY .	16 5 17	16 12 55
	JUNE .	17 15 30	17 8 45		MAY .	15 19 1	15 29 0
	JULY .	17 4 20	17 0 1		JUNE .	14 6 45	14 2 29
	AUG. .	15 17 4	15 16 18		JULY .	13 19 29	13 10 1
	SEPT. .	11 5 48	14 8 18		AUG. .	12 6 13	11 19 9
	OCT. .	13 18 32	14 0 45		OCT. .	27 2 35	27 8 16
	NOV. .	12 7 16	12 15 29		NOV. .	10 20 57	10 6 56
	DEC. .	11 20 0	12 4 41		DEC. .	19 9 41	9 21 52
42. C. 23 1 51	JAN. .	10 8 41	10 16 21	45. C. 22 19 17	JAN. .	6 23 54	7 6 17
	FEB. .	8 21 29	9 2 32		FEB. .	5 12 39	6 0 6
	MAR. .	10 10 12	10 11 39		MAR. .	7 1 22	7 15 11
	○ { 23 4 34	23 13 54			APRIL .	5 14 6	6 3 9
	APRIL .	8 22 50	8 19 50		MAY .	5 2 50	5 12 27
	MAY .	8 11 40	8 4 27		JUNE .	3 15 31	3 19 57
	JUNE .	7 0 31	6 14 17		JULY .	3 4 18	3 2 45
	JULY .	6 18 8	6 2 13		AUG. .	1 17 2	1 9 59
	AUG. .	5 1 52	4 10 30		SEP. .	31 5 40	30 18 37
	SEPT. .	{ 8 14 30	8 9 10		NOV. .	29 19 39	29 5 29
	○ { 18 8 58	18 3 54			OCT. .	23 7 14	23 10 2
	OCT. .	8 3 20	8 3 7		NOV. .	27 10 59	27 11 18
	NOV. .	1 16 4	1 31 12		DEC. .	27 9 42	27 5 30
	DEC. .	{ 1 4 48	1 14 11		○ { 11 3 4	11 8 9	
		{ 30 17 32	31 5 10		JAN. .	{ 23 21 36	23 0 24
43. D. 23 7 40	JAN. .	29 6 18	29 17 43	46. E. 23 1 6	FEB. .	24 10 10	24 18 31
	FEB. .	27 19 0	28 4 2		MAR. .	25 22 54	26 10 35
	○ { 14 13 22	14 14 5			APRIL .	24 11 39	24 23 56
	MAR. .	{ 29 7 45	29 12 24		MAY .	21 0 22	21 10 36
	APRIL .	27 20 29	27 19 49		JUNE .	24 13 6	22 19 16
	MAY .	27 9 13	27 3 5		○ { 7 7 28	6 22 39	
	JUNE .	25 21 57	25 11 20		JULY .	{ 22 1 50	22 3 59
	JULY .	23 10 41	24 21 38		AUG. .	20 14 31	20 10 46
	AUG. .	23 23 23	23 10 44		SEP. .	19 3 18	18 19 31
	○ { 7 17 47	7 30 1			OCT. .	16 16 2	16 5 54
	SEPT. .	{ 22 12 9	22 2 45		NOV. .	17 4 46	16 18 17
	OCT. .	23 0 58	21 21 5		DEC. .	{ 16 17 39	16 8 44
	NOV. .	20 13 37	20 16 23		○ { 31 11 52	31 22 32	
	DEC. .	20 2 21	20 11 4				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 47.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 50.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March.	JAN. .	15 6 15	15 0 58	D. March.	JAN. .	11 21 25	11 23 43
<i>d. h. m.</i>	FEB. .	13 18 59	13 18 16	<i>d. h. m.</i>	FEB. .	10 10 9	10 9 45
23 6 55	MAR. .	15 7 43	15 11 39	23 0 21	MAR. .	11 22 53	11 19 26
	APRIL	13 20 27	14 4 3		APRIL	{ 10 11 37	10 5 24
	MAY .	13 9 11	13 18 37		○	{ 25 5 59	25 18 20
	JUNE .	{ 11 21 55	12 7 3		MAY .	10 0 21	9 16 23
	○	{ 26 16 17	26 4 54		JUNE .	8 13 5	8 5 0
	JULY .	11 10 39	11 17 36		JULY .	8 1 49	7 19 30
	AUG. .	9 23 23	10 2 56		AUG. .	6 14 33	6 11 23
	SEPT. .	8 12 7	8 11 56		SEPT. .	5 3 17	5 4 12
	OCT. .	8 0 51	7 21 22		OCT. .	{ 4 16 1	4 20 47
	NOV. .	6 13 35	6 7 44		○	{ 19 10 23	18 22 36
	DEC. .	{ 6 2 19	5 19 13		NOV. .	3 4 45	3 12 27
	○	{ 20 20 41	21 7 7		DEC. .	2 17 29	3 2 39
48.	JAN. .	4 15 4	4 7 56	51.	JAN. .	{ 1 6 13	1 15 9
G.F.	FEB. .	3 3 48	2 21 47	c.	{ 30 18 57	31 1 56	
22 12 44	MAR. .	3 16 32	3 12 42		FEB. .	...	...
	APRIL	2 5 16	2 4 24	23 6 10	MAR. .	{ 1 7 42	1 11 15
	MAY .	{ 1 18 0	1 20 16		○	{ 30 20 26	30 19 36
	○	{ 81 6 44	81 11 34		APRIL	{ 14 14 48	15 0 59
	JUNE .	{ 15 1 6	14 18 25		MAY .	23 21 54	23 12 42
	JULY .	{ 29 19 23	30 1 45		JUNE .	27 10 33	26 23 25
	AUG. .	29 8 12	29 14 32		JULY .	26 23 22	26 12 32
	SEPT. .	27 20 56	28 2 8		AUG. .	25 12 6	25 4 11
	OCT. .	26 9 40	26 12 58		SEPT. .	24 0 50	23 21 45
	NOV. .	25 22 24	25 23 37		○	{ 8 19 12	8 12 57
	DEC. .	24 11 8	24 10 21		OCT. .	{ 23 13 34	23 16 8
		23 23 52	23 21 16		NOV. .	22 2 18	22 10 0
49.	JAN. .	22 12 37	22 8 27	52.	DEC. .	21 15 2	22 2 12
E.	FEB. .	21 1 21	20 20 2	D.A.	JAN. .	20 3 46	20 16 1
22 18 33	MAR. .	22 14 5	22 8 21	22 11 59	FEB. .	18 16 31	19 3 18
	APRIL	21 2 49	20 21 44		MAR. .	19 5 15	19 12 25
	○	{ 5 21 11	6 4 37		APRIL	17 17 59	17 20 4
	MAY .	{ 20 15 33	20 12 14		MAY .	17 6 43	17 3 8
	JUNE .	19 4 17	19 3 31		JUNE .	15 19 27	15 10 40
	JULY .	18 17 1	18 19 0		JULY .	15 8 11	14 19 47
	AUG. .	17 5 45	17 9 59		AUG. .	13 20 55	13 7 27
	SEPT. .	15 18 29	16 0 9		SEPT. .	12 9 39	11 22 8
	OCT. .	{ 15 7 18	15 13 20		OCT. .	11 22 23	11 15 32
	○	{ 30 1 35	29 14 15		NOV. .	10 11 7	10 10 40
	NOV. .	18 19 57	14 1 36		DEC. .	9 23 51	10 5 57
	DEC. .	13 8 41	13 13 3				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 53. G. March. d. h. m. 22 17 48		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 56. D.C. March. d. h. m. 22 11 14		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	8 12 35	8 23 46		JAN. .	6 3 45	5 20 47
	FEB. .	{ 7 1 19	7 15 1		FEB. .	4 16 29	4 13 25
	○	{ 21 19 41	21 14 0		MAR. .	5 5 13	5 6 38
	MAR. .	8 14 3	9 3 15		APRIL	3 17 57	3 23 27
	APRIL	7 2 47	7 12 45		MAY .	3 6 41	3 14 57
	MAY .	6 15 31	6 20 21		JUNE .	1 19 25	2 4 30
	JUNE .	5 4 15	5 3 2		JULY .	{ 1 8 9	1 16 4
	JULY .	4 16 59	4 9 55			{ 30 20 53	31 2 6
	AUG. .	{ 3 5 43	2 18 5		AUG. .	29 9 37	29 11 25
	○	{ 18 0 5	18 5 36		SEPT. .	27 22 21	27 20 48
	SEPT. .	1 18 27	{ 1 4 33		OCT. .	27 11 5	27 6 49
	○	{ 1 7 11	{ 30 17 59		NOV. .	25 23 49	25 17 47
	OCT. .	{ 50 19 55	30 10 25		○	{ 10 18 11	11 2 40
	NOV. .	29 8 39	29 5 6		DEC. .	{ 25 12 33	25 5 47
	DEC. .	28 21 23	29 0 39				
54. F.	JAN. .	27 10 8	27 19 22	57. B.	JAN. .	24 1 17	23 18 50
	○	{ 11 4 30	11 1 44		FEB. .	22 14 1	22 8 58
	FEB. .	{ 25 22 52	26 11 50	22 17 3	MAR. .	24 2 46	24 0 2
22 23 37	MAR. .	27 11 36	28 1 17		APRIL	22 15 30	22 15 40
	APRIL	26 0 20	26 11 47		MAY .	22 4 14	22 7 16
	MAY .	25 13 4	25 20 3		○	{ 5 22 33	5 18 35
	JUNE .	24 1 48	24 3 7		JUNE .	{ 20 16 58	20 22 8
	JULY .	23 14 32	23 10 6		JULY .	20 5 42	20 11 48
	○	{ 7 8 54	7 8 59		AUG. .	18 18 26	19 0 14
	AUG. .	{ 22 3 16	21 18 0		SEPT. .	17 7 10	17 11 40
	SEPT. .	20 16 0	20 3 48		OCT. .	16 19 54	16 22 37
	OCT. .	20 4 44	19 16 4		NOV. .	{ 15 8 38	15 9 25
	NOV. .	18 17 28	18 7 2		○	{ 30 3 0	30 2 45
	DEC. .	18 6 12	18 0 16		DEC. .	14 21 22	14 20 16
55. E.	JAN. .	{ 16 13 57	16 18 52	58. A.	JAN. .	13 10 6	13 7 11
	○	{ 31 13 19	31 17 33	22 22 52	FEB. .	11 22 50	11 18 16
	FEB. .	15 7 41	15 13 24		MAR. .	13 11 34	13 5 53
23 5 26	MAR. .	16 20 25	17 6 29		APRIL	12 0 18	11 18 25
	APRIL	15 9 9	15 21 8		MAY .	{ 11 13 2	11 8 10
	MAY .	14 21 53	15 9 7		○	{ 26 7 24	26 11 54
	JUNE .	13 10 37	13 18 45		JUNE .	10 1 46	9 23 2
	JULY .	{ 12 23 21	13 2 57		JULY .	9 14 30	9 14 33
	○	{ 27 17 43	27 9 20		AUG. .	8 3 14	8 6 4
	AUG. .	11 12 5	11 10 44		SEPT. .	6 15 58	6 20 57
	SEPT. .	10 0 49	9 19 6		OCT. .	6 4 42	6 10 56
	OCT. .	9 13 33	9 4 45		NOV. .	{ 4 17 26	4 23 53
	NOV. .	8 2 17	7 16 10		○	{ 19 11 48	19 2 51
	DEC. .	7 15 1	7 5 34		DEC. .	4 6 10	4 11 52

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 59. G. March. d. h. m. 23 4 41		d. h. m.	d. h. m.	A.D. 62. C. March. d. h. m. 22 22 7		d. h. m.	d. h. m.
	JAN. .	2 18 55	2 22 55		JAN. .	23 22 49	29 11 47
	FEB. .	1 7 39	1 9 5		FEB. .	27 11 33	28 1 27
	MAR. .	2 20 23	2 18 40		○	14 5 55	14 0 28
	APRIL	{ 1 9 7	1 4 9		MAR. .	{ 29 0 17	29 12 9
		{ 30 21 51	30 14 17		APRIL	27 13 1	27 20 30
	MAY .	30 10 35	30 1 51		MAY .	27 1 45	27 3 28
	JUNE .	28 23 19	28 15 20		JUNE .	25 14 29	25 10 7
	JULY .	28 12 3	28 6 41		JULY .	25 3 13	24 17 34
	AUG. .	27 0 47	26 23 20		AUG. .	23 15 57	23 2 51
	SEPT. .	25 13 31	25 16 21		○	{ 7 10 19	7 15 57
	OCT. .	25 2 15	25 8 51		SEPT. .	{ 22 4 41	21 14 50
	NOV. .	23 14 59	24 0 2		OCT. .	21 17 25	21 5 52
	DEC. .	23 3 43	23 13 30		NOV. .	20 6 9	19 23 24
					DEC. .	19 18 53	19 18 50
60. F.E. 22 10 30	JAN. .	21 16 28	22 1 5	63. B. 23 3 56	JAN. .	18 7 33	18 14 7
	FEB. .	20 5 12	20 10 56		FEB. .	16 20 22	17 7 45
	MAR. .	20 17 56	20 19 29		MAR. .	18 9 6	18 22 39
	○	{ 4 12 18	4 20 50		APRIL	16 21 50	17 10 32
	APRIL	{ 19 6 40	19 3 26		MAY .	16 10 34	16 19 48
	MAY .	18 19 24	18 11 42		JUNE .	14 23 18	15 3 21
	JUNE .	17 8 8	16 21 17		JULY .	14 12 2	14 10 21
	JULY .	16 20 52	16 9 7		AUG. .	13 0 46	12 17 48
	AUG. .	15 9 36	14 23 35		SEPT. .	11 13 30	11 2 42
	SEPT. .	{ 13 22 20	13 16 26		OCT. .	11 2 14	10 13 47
	○	{ 28 16 42	28 12 22		NOV. .	9 14 58	9 3 25
	OCT. .	13 11 4	13 10 46		DEC. .	9 3 42	8 19 32
	NOV. .	11 23 48	12 5 15				
	DEC. .	11 12 32	11 22 33				
61. D. 22 16 19	JAN. .	10 1 16	10 13 38	64. A.G. 22 9 45	JAN. .	{ 7 16 26	7 13 27
	FEB. .	8 14 0	9 2 7		○	{ 22 10 48	22 16 52
	MAR. .	{ 10 2 44	10 12 8		FEB. .	6 5 10	6 7 59
	○	{ 21 21 6	21 21 6		MAR. .	6 17 54	7 1 46
	APRIL	8 15 28	8 20 15		APRIL	5 6 33	5 17 38
	MAY .	8 4 12	8 3 21		MAY .	4 19 22	5 6 55
	JUNE .	6 16 56	6 10 26		JUNE .	3 8 6	3 17 42
	JULY .	6 5 40	5 18 36		JULY .	{ 2 20 50	3 2 38
	AUG. .	4 18 24	4 4 54		○	{ 17 15 12	17 5 13
	SEPT. .	{ 3 7 8	2 18 7		AUG. .	{ 1 9 34	1 10 40
	○	{ 18 1 30	18 4 13			{ 30 22 18	30 18 51
	OCT. .	2 19 52	2 10 20		SEPT. .	29 11 2	29 3 58
	NOV. .	{ 1 8 36	1 4 53		OCT. .	28 23 46	28 14 33
		{ 30 21 20	{ 1 0 22		NOV. .	27 12 30	27 2 57
	DEC. .	30 10 4	{ 30 19 9		DEC. .	27 1 14	26 17 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 65. F. March. d. h. m. 22 15 34	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . ○	d. h. m. { 10 19 37 25 13 59 24 2 43 25 15 27 24 4 11 23 16 55 22 5 39 { 7 0 1 21 18 23 20 7 7 18 19 51 18 8 35 16 21 19 { 16 10 3 31 4 25	d. h. m. 11 7 9 25 8 56 24 1 41 25 18 37 24 10 44 24 1 19 22 13 57 6 12 1 22 0 54 20 10 42 18 20 13 18 6 4 16 16 38 16 4 5 31 15 22	A.D. 68. C.B. March. d. h. m. 22 9 0	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	d. h. m. 23 5 9 21 17 53 22 6 37 20 19 21 { 5 13 43 20 8 5 18 20 49 18 9 33 16 22 17 15 11 1 { 14 23 45 29 18 7 13 12 29 13 1 13	d. h. m. 23 8 28 21 18 5 22 8 17 20 12 45 6 1 29 19 23 19 18 11 41 18 2 9 16 13 21 15 11 32 15 4 41 29 7 9 13 20 50 13 11 20
66. E. 22 21 23	JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	14 22 48 13 11 32 15 0 16 13 13 0 13 1 44 { 11 14 28 26 8 50 11 3 12 9 15 56 8 4 40 7 17 24 6 6 8 5 18 52	14 16 26 13 5 45 14 20 2 13 11 12 13 2 45 11 18 4 26 1 49 11 8 32 9 21 43 8 9 59 7 21 24 6 8 27 5 19 20	69. A. 22 14 49	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	11 13 58 10 2 42 11 15 26 { 10 4 10 24 22 32 9 16 54 8 5 38 7 18 22 6 7 6 4 19 50 { 4 8 34 19 2 56 2 21 18 { 2 10 2 31 22 46	11 23 52 10 10 27 11 19 25 10 3 21 25 7 47 9 11 9 7 19 49 7 6 22 5 19 31 4 11 21 4 5 16 18 21 39 3 0 2 2 18 14 ...
67. D. 23 3 12	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	4 7 36 2 20 20 4 9 4 2 21 43 { 2 10 32 17 4 54 31 23 16 30 12 0 30 0 44 28 13 23 27 2 12 26 14 56 { 10 9 18 25 3 40 24 16 24	4 6 8 2 16 54 4 3 56 2 15 40 2 4 32 17 12 2 31 18 43 30 9 59 30 1 44 28 17 16 27 8 2 26 21 46 9 22 27 25 10 25 24 21 58	70. G. 22 20 38	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	{ ... 80 11 30 ... { 1 0 14 30 12 58 29 1 42 28 14 26 27 3 10 26 15 54 25 4 38 23 17 22 23 6 6 21 18 50 21 7 34	1 10 36 31 0 22 ... 1 11 28 30 20 18 29 3 40 28 10 32 26 17 57 26 3 6 24 14 51 23 5 41 22 23 17 21 18 34 21 13 59

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 71. F. March. d. h. m. 23 2 27		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 74. B. March. d. h. m. 22 19 53		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	19 20 19	20 7 50		JAN. .	16 11 29	16 4 59
	FEB. .	18 9 3	18 22 58		FEB. .	15 0 13	14 21 2
	○	{ 5 3 25	4 21 46		MAR. .	16 12 57	16 13 43
	MAR. .	{ 19 21 47	20 11 1		APRIL	15 1 41	15 6 11
	APRIL	18 10 31	18 20 22		MAY .	14 14 25	14 21 33
	MAY .	17 23 15	18 3 50		JUNE .	13 3 9	13 11 15
	JUNE .	16 11 59	16 10 30		JULY .	12 15 53	12 23 10
	JULY .	16 0 43	15 17 26		AUG. .	11 4 37	11 9 41
	AUG. .	{ 14 13 27	14 1 47		SEPT. .	9 17 21	9 19 32
	○	{ 29 7 49	29 13 3		OCT. .	9 6 5	9 5 22
	SEPT. .	13 2 11	12 12 26		NOV. .	7 18 49	7 15 42
	OCT. .	12 14 55	12 2 0		DEC. .	{ 7 7 33	7 2 42
	NOV. .	11 3 39	10 18 23		○	{ 22 1 55	22 10 51
	DEC. .	10 16 23	10 13 8				
72. E.D. 22 8 16	JAN. .	9 5 7	9 8 30	75. A. 23 1 42	JAN. .	5 20 17	5 14 27
	FEB. .	{ 7 17 51	8 3 1		FEB. .	4 9 1	4 3 2
	○	{ 22 12 13	22 10 0		MAR. .	5 21 45	5 16 33
	MAR. .	8 6 35	8 19 17		APRIL	4 10 29	4 7 2
	APRIL	6 19 19	7 8 36		MAY .	3 23 13	3 22 14
	MAY .	6 8 3	6 19 3		JUNE .	{ 2 11 57	2 13 42
	JUNE .	4 20 47	5 3 23		○	{ 17 6 19	17 1 59
	JULY .	4 9 31	4 10 35		JULY .	{ 2 0 41	2 4 44
	AUG. .	{ 2 22 15	2 17 49			{ 31 13 25	31 18 50
	○	{ 17 16 37	17 15 55		AUG. .	30 2 9	30 7 49
	SEPT. .	{ 1 10 59	1 2 2		SEPT. .	23 14 53	23 19 51
		{ 30 23 43	30 12 5		OCT. .	23 8 37	23 7 17
	OCT. .	30 12 27	30 0 29		NOV. .	26 16 21	26 18 21
	NOV. .	29 1 11	28 15 22		○	{ 11 10 43	11 10 43
	DEC. .	28 13 55	28 8 23		DEC. .	{ 26 5 5	26 5 11
73. C. 22 14 5	JAN. .	27 2 40	27 2 35	76. G.F. 22 7 31	JAN. .	24 17 50	24 15 50
	○	{ 10 21 2	11 2 3		FEB. .	23 6 34	23 2 26
	FEB. .	{ 25 15 24	25 20 42		MAR. .	23 19 18	23 13 27
	MAR. .	27 4 8	27 13 30		APRIL	22 8 2	22 1 26
	APRIL	25 16 52	26 4 4		MAY .	21 20 46	21 14 46
	MAY .	25 5 36	25 16 5		○	{ 5 15 8	5 19 18
	JUNE .	23 18 20	24 1 57		JUNE .	{ 20 9 30	20 5 30
	JULY .	23 7 4	23 10 29		JULY .	19 22 14	19 21 11
	○	{ 7 1 26	6 16 11		AUG. .	18 10 58	18 13 6
	AUG. .	{ 21 19 43	21 18 41		SEPT. .	16 23 42	17 4 35
	SEPT. .	20 8 32	20 3 26		OCT. .	16 12 26	16 19 10
	OCT. .	19 21 16	19 13 23		NOV. .	{ 15 1 10	15 8 35
	NOV. .	18 10 0	18 0 55		○	{ 29 19 32	29 11 8
	DEC. .	17 22 44	17 14 8		DEC. .	14 13 54	14 20 46

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 77.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 80.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	13 2 39	13 7 44	March.	JAN. .	10 17 49	11 8 11
<i>d. h. m.</i>	FEB. .	11 15 23	11 17 36	<i>d. h. m.</i>	FEB. .	9 6 33	9 19 43
22 13 20	MAR. .	13 4 7	13 2 44	22 6 47	MAR. .	{ 9 19 17	10 9 14
	APRIL	11 16 51	11 11 42		O	{ 24 13 39	24 6 53
	MAY .	11 5 35	10 21 23		APRIL	8 8 1	8 19 46
	JUNE .	9 18 19	9 8 38		MAY .	7 20 45	8 4 0
	JULY .	9 7 3	8 22 0		JUNE .	6 9 29	6 10 54
	AUG. .	7 19 47	7 13 29		JULY .	5 22 13	5 17 36
	SEPT. .	6 8 31	6 6 29		AUG. .	4 10 57	4 1 14
	OCT. .	5 21 15	6 0 2		SEPT. .	{ 2 23 41	2 10 48
	NOV. .	4 9 59	4 17 2		O	{ 17 18 3	17 23 46
	DEC. .	3 22 43	4 8 37		OCT. .	2 12 25	{ 1 22 52
					NOV. .	{ 1 1 9	{ 31 13 58
					DEC. .	{ 30 13 53	30 7 39
78.	JAN. .	2 11 27	2 22 11			30 2 37	30 2 46
D.	FEB. .	1 0 11	1 9 39				
22 19 9	MAR. .	2 12 53	2 19 12				
	APRIL O	{ 1 1 39	1 3 22	81.	JAN. .	23 15 22	28 21 50
		{ 15 20 1	16 3 36	G.	FEB. .	27 4 5	27 15 12
		{ 30 14 23	30 10 57	22 12 35	MAR. .	28 16 49	29 5 57
	MAY .	30 3 7	29 18 54		APRIL	27 5 33	27 17 46
	JUNE .	23 15 51	23 4 19		MAY .	26 18 17	27 3 8
	JULY .	23 4 35	27 16 7		JUNE .	25 7 1	25 10 45
	AUG. .	26 17 19	26 6 42		JULY .	24 19 45	24 17 58
	SEPT. .	25 6 3	24 23 49		AUG. .	23 8 29	23 1 45
	O	{ 10 0 25	9 20 56		SEPT. .	21 21 13	21 10 57
	OCT. .	{ 24 18 47	24 18 30		OCT. .	21 9 57	20 22 13
	NOV. .	23 7 31	23 13 20		NOV. .	19 22 41	19 11 52
	DEC. .	22 20 15	23 6 51		DEC. .	19 11 25	19 3 47
79.	JAN. .	21 9 0	21 21 59	82.	JAN. .	18 0 10	17 21 20
C.	FEB. .	19 21 44	20 10 20	F.	O	{ 1 18 32	2 1 23
23 0 58	MAR. .	21 10 23	21 20 6	22 18 21	FEB. .	{ 16 12 54	16 15 26
	O	{ 5 4 50	5 3 53		MAR. .	18 1 38	18 8 52
	APRIL	{ 19 23 12	20 3 57		APRIL	16 14 22	17 0 32
	MAY .	19 11 56	19 10 50		MAY .	16 3 6	16 13 50
	JUNE .	18 0 40	17 17 47		JUNE .	14 15 50	15 0 47
	JULY .	17 13 24	17 1 57		JULY .	{ 14 4 34	14 10 2
	AUG. .	16 2 8	15 12 20		O	{ 23 22 56	23 12 5
	SEPT. .	{ 14 14 52	14 1 41		AUG. .	12 17 18	12 18 28
	O	{ 29 9 14	29 12 33		SEPT. .	11 6 2	11 8 4
	OCT. .	14 3 36	13 18 4		OCT. .	10 18 46	10 12 32
	NOV. .	12 16 20	12 12 43		NOV. .	9 7 30	8 23 20
	DEC. .	12 5 4	12 8 23		DEC. .	8 20 14	8 11 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 83. E. March. d. h. m. 23 0 18	JAN. . ○ FEB. . MAR. . APRIL MAY . JUNE . JULY . ○ AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. { 7 8 59 22 3 21 5 21 43 7 10 27 5 23 11 5 11 55 4 0 39 { 3 13 23 18 7 45 2 2 7 31 14 51 30 3 35 29 16 19 23 5 3 27 17 47	d. h. m. 7 1 34 22 15 38 5 16 48 7 8 59 6 1 26 5 17 20 4 7 57 3 20 53 17 19 14 2 8 16 31 18 38 30 4 38 29 14 52 28 1 35 27 12 54	A.D. 86. A. March. d. h. m. 22 17 40	JAN. . FEB. . MAR. . APRIL MAY ○ JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	d. h. m. 4 0 8 2 12 52 4 1 36 2 14 20 { 2 3 4 16 21 26 31 15 48 30 4 32 29 17 16 28 6 0 26 18 44 26 7 28 { 10 1 50 24 20 12 24 8 56	d. h. m. 4 6 49 2 17 5 4 2 19 2 11 1 1 20 2 17 8 31 31 6 13 29 18 24 29 8 53 28 1 21 26 18 59 26 12 38 9 15 48 25 5 14 24 19 57
84. D.C. 22 6 2	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	{ 11 12 9 26 6 31 24 19 15 25 7 59 23 20 43 23 9 27 21 22 11 { 6 16 33 21 10 55 19 23 39 18 12 23 18 1 7 16 13 51 16 2 35	11 23 30 26 0 51 24 13 35 25 3 16 23 17 56 23 9 13 22 0 33 6 9 17 21 15 20 20 5 9 18 17 56 18 5 54 16 17 19 16 4 17	87. G. 22 23 28	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	22 21 41 21 10 25 22 23 9 21 11 53 { 6 6 15 21 0 37 19 13 21 19 2 5 17 14 49 16 3 33 { 15 16 17 30 10 39 14 5 1 13 17 45	23 8 27 21 18 48 23 3 25 21 10 59 6 14 28 20 18 29 19 2 57 18 13 26 17 2 38 15 18 40 15 12 53 30 6 25 14 8 0 14 2 26
85. B. 22 11 51	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . ○ DEC. .	14 15 20 13 4 4 14 16 48 13 5 32 12 18 16 11 7 0 10 19 44 9 8 28 7 21 12 7 9 56 { 5 22 40 20 17 2 5 11 24	14 14 55 13 1 17 14 11 46 12 22 55 12 11 19 11 1 14 10 16 32 9 8 34 8 0 39 7 16 2 6 6 18 20 6 45 5 19 14	88. F.E. 22 5 17	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	12 6 30 10 19 14 11 7 58 9 20 42 9 9 26 7 22 10 7 10 54 5 23 38 4 12 22 4 1 6 2 13 50 { 2 2 34 31 15 18	12 18 55 11 8 36 11 19 29 10 4 5 9 11 13 7 17 56 7 1 21 5 10 33 3 22 26 3 13 24 2 7 11 2 2 33 31 21 57

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 89. D. March. d. h. m. 22 11 6		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 92. A.G. March. d. h. m. 22 4 33		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	30 4 2	30 15 43		JAN. .	27 19 12	27 13 4
	FEB. .	28 16 46	...		FEB. .	26 7 56	26 4 33
	MAR. ○	{ ...	1 6 43		MAR. .	26 20 40	26 20 42
		15 11 8	15 5 24		APRIL	25 9 24	25 12 49
	APRIL	30 5 30	30 18 37		MAY .	24 22 8	25 4 6
	MAY .	28 18 14	29 3 49		JUNE .	23 10 52	23 18 0
	JUNE .	28 6 58	28 11 15		JULY .	22 23 36	23 6 19
	JULY .	26 19 42	26 17 56		AUG. .	21 12 20	21 17 22
	AUG. .	26 8 26	26 1 3		SEPT. .	20 1 4	20 3 46
	○	24 21 10	24 9 36		OCT. .	19 13 48	19 14 1
	SEPT. .	{ 8 15 32	8 20 34		NOV. .	18 2 32	18 0 36
		23 9 54	22 20 28		DEC. .	17 15 16	17 11 36
	OCT. .	22 22 38	22 10 9		○	{ 1 9 39	1 18 56
	NOV. .	21 11 22	21 2 37	93. F. 22 10 21	JAN. .	{ 16 4 1	15 23 6
	DEC. .	21 0 6	20 21 6		FEB. .	14 16 45	14 11 9
90. C. 22 16 55	JAN. .	19 12 51	19 16 16		MAR. .	16 5 29	16 0 2
	FEB. .	18 1 35	18 10 32		APRIL	14 18 13	14 13 56
	○	{ 4 19 57	4 18 10		MAY .	14 6 57	14 4 47
	MAR. .	19 14 19	20 2 35		JUNE .	12 19 41	12 20 8
	APRIL	18 3 3	18 15 49		○	{ 27 14 3	27 9 27
	MAY .	17 15 47	18 2 16		JULY .	12 8 25	12 11 23
	JUNE .	16 4 31	16 10 42		AUG. .	10 21 9	11 1 57
	JULY .	15 17 15	15 13 9		SEPT. .	9 9 53	9 15 32
	AUG. .	{ 14 5 59	14 1 41		OCT. .	8 22 37	9 4 11
	○	29 0 21	28 22 58		NOV. .	7 11 21	7 16 3
	SEPT. .	12 18 43	12 10 15		DEC. .	{ 7 0 5	7 3 20
	OCT. .	12 7 27	11 20 32		○	{ 21 18 27	21 18 39
	NOV. .	10 20 11	10 9 1				
	DEC. .	10 8 55	9 23 47	94. E. 22 16 10	JAN. .	5 12 50	5 14 6
91. B. 22 22 44	JAN. .	8 21 40	8 16 27		FEB. .	4 1 34	4 0 23
	FEB. .	{ 7 10 24	7 10 11		MAR. .	5 14 18	5 10 30
	○	22 4 46	22 10 27		APRIL	4 3 2	3 20 56
	MAR. .	8 23 8	9 3 53		MAY .	3 15 46	3 8 24
	APRIL	7 11 52	7 20 24		JUNE .	{ 2 4 30	1 21 23
	MAY .	7 0 36	7 10 54		○	{ 16 22 52	17 2 42
	JUNE .	5 13 20	5 23 3		JULY .	{ 1 17 14	1 12 1
	JULY .	5 2 4	5 9 11			{ 31 5 58	31 3 52
	AUG. .	{ 3 14 48	3 18 6		AUG. .	29 18 42	29 20 15
	○	18 9 10	17 23 10		SEPT. .	28 7 26	28 12 20
	SEPT. .	2 3 32	2 2 45		OCT. .	27 20 10	28 3 30
	OCT. .	{ 1 16 16	1 11 55		NOV. .	26 8 54	26 17 18
		31 5 0	30 22 8		○	{ 11 3 16	10 19 18
	NOV. .	29 17 44	29 9 42		DEC. .	{ 25 21 38	26 5 37
	DEC. .	29 6 28	28 22 43				

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 95. D. March. d. h. m. 22 21 59		d. h. m.	d. h. m.	A.D. 98. G. March. d. h. m. 22 15 26		d. h. m.	d. h. m.
	JAN. .	24 10 22	24 16 27		JAN. .	21 1 32	21 11 4
	FEB. .	22 23 6	23 1 58		FEB. .	19 14 16	20 3 27
	MAR. .	24 11 50	24 10 39		MAR. .	21 3 0	21 16 50
	APRIL	23 0 34	22 19 9		○	{ 4 21 22	4 15 11
	MAY .	22 13 18	22 4 26		APRIL	{ 19 15 44	20 3 14
	○	{ 6 7 40	6 17 7		MAY .	19 4 28	19 11 24
	JUNE .	{ 21 2 2	20 15 27		JUNE .	17 17 12	17 18 20
	JULY .	20 14 46	20 4 45		JULY .	17 5 56	17 1 11
	AUG. .	19 3 30	18 20 23		AUG. .	15 18 40	15 9 1
	SEPT. .	17 16 14	17 13 45		SEPT. .	{ 14 7 24	13 18 45
	OCT. .	17 4 58	17 7 43		○	{ 29 1 46	29 7 40
	NOV. .	15 17 42	16 1 15		OCT. .	13 20 8	13 7 3
	DEC. .	15 6 26	15 17 8		NOV. .	12 8 52	11 22 11
					DEC. .	11 21 36	11 15 44
96. C.B. 22 3 48	JAN. .	13 19 11	14 6 46	99. F. 22 21 14	JAN. .	10 10 20	10 10 37
	FEB. .	12 7 55	12 18 5		FEB. .	8 23 5	9 5 22
	MAR. .	12 20 39	13 3 20		MAR. .	10 11 49	10 22 31
	APRIL	11 9 23	11 11 8		APRIL	9 0 33	9 18 9
	MAY .	10 22 7	10 18 25		MAY .	8 13 17	9 0 54
	JUNE .	9 10 51	9 2 8		JUNE .	7 2 1	7 10 18
	JULY .	8 23 35	8 11 27		JULY .	6 14 45	6 18 13
	AUG. .	7 12 19	6 23 16		AUG. .	5 3 29	5 1 44
	SEPT. .	6 1 3	5 13 59		SEPT. .	3 16 13	3 9 51
	OCT. .	{ 5 13 47	5 7 23		OCT. .	3 4 57	2 19 22
	○	{ 20 8 9	20 5 39		NOV. .	1 17 41	{ 1 6 47
	NOV. .	4 2 31	4 2 21		DEC. .	{ 1 6 25	{ 80 20 24
	DEC. .	3 15 15	3 21 27			{ 30 19 9	30 12 1
97. A. 22 9 37	JAN. .	{ 2 4 0	2 15 7	100. E.D. 22 8 8	JAN. .	29 7 54	29 5 8
	FEB. .	{ 31 16 44	...		○	{ 13 2 16	13 9 59
	MAR. .	{ 2 5 28	2 18 23		FEB. .	{ 27 20 38	27 22 45
	○	{ 15 12 34	{ 1 8 55		MAR. .	28 9 22	28 15 50
	APRIL	{ 30 6 56	{ 30 11 33		APRIL	26 22 6	27 7 19
	MAY .	29 19 40	29 18 17		MAY .	26 10 50	26 20 40
	JUNE .	28 8 24	28 1 12		JUNE .	24 23 34	25 7 52
	JULY .	27 21 8	27 9 25		JULY .	24 12 18	24 17 29
	AUG. .	26 9 52	25 19 56		○	{ 8 6 40	7 19 5
	SEPT. .	24 22 36	24 9 26		AUG. .	{ 23 1 2	23 2 22
	○	{ 9 16 58	9 20 59		SEPT. .	21 13 46	21 11 24
	OCT. .	{ 24 11 20	24 1 58		OCT. .	21 2 30	20 21 18
	NOV. .	23 0 4	22 20 45		NOV. .	19 15 14	19 8 11
	DEC. .	22 12 48	22 16 21		DEC. .	19 3 58	18 20 24

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 101. c. March. d. h. m. 22 8 52		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 104. G.F. March. d. h. m. 22 2 18		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17 16 42	17 9 53		JAN. .	15 7 52	15 15 34
	○	{ 1 11 4	1 23 59		FEB. .	13 20 36	14 1 36
	FEB. .	{ 16 5 26	16 0 33		MAR..	14 9 20	14 10 24
	MAR..	17 18 10	17 16 9		APRIL	12 22 4	12 18 40
	APRIL	16 6 54	16 8 9		MAY .	{ 12 10 48	12 3 16
	MAY .	15 19 38	15 23 52		○	{ 27 5 10	27 14 31
	JUNE .	14 8 22	14 14 32		JUNE .	10 23 32	10 13 10
	JULY .	{ 13 21 6	14 3 49		JULY .	10 12 16	10 1 13
	○	{ 28 15 28	28 2 34		AUG..	9 1 0	8 15 46
	AUG..	12 9 50	12 15 42		SEPT..	7 13 44	7 8 32
	SEPT..	10 22 34	11 2 38		OCT. .	7 2 28	7 2 35
	OCT. .	10 11 18	10 13 9		NOV. .	{ 5 15 12	5 20 42
	NOV. .	9 0 2	8 23 43		○	{ 20 9 34	20 0 34
	DEC. .	8 12 46	8 10 32		DEC. .	5 3 56	5 13 38
102. B. 22 14 41	JAN. .	{ 7 1 31	6 21 41	105. E. 22 8 7	JAN. .	3 16 41	4 4 32
	○	{ 21 19 53	22 7 32		FEB. .	2 5 25	2 16 56
	FEB. .	5 14 15	5 9 12		MAR..	3 18 9	4 3 1
	MAR..	7 2 59	6 21 19		APRIL	2 6 53	2 11 17
	APRIL	5 15 43	5 10 25			{ 1 19 37	1 18 33
	MAY .	5 4 27	5 0 36		MAY ○	{ 16 13 59	16 21 5
	JUNE .	3 17 11	3 15 39			{ 31 8 21	31 1 49
	JULY .	{ 3 5 55	3 7 5		JUNE .	29 21 5	29 10 9
	○	{ 18 0 17	17 16 50		JULY .	29 9 49	28 20 37
		{ 1 18 39	1 22 14		AUG. .	27 22 33	27 9 55
	AUG. .	{ 31 7 23	31 12 38		SEPT..	26 11 17	26 2 9
	SEPT..	29 20 7	30 2 2		OCT. .	26 0 1	25 20 39
	OCT. .	29 8 51	29 14 31		○	{ 9 18 23	9 15 18
	NOV. .	27 21 35	28 2 14		NOV. .	{ 24 12 45	24 15 59
	DEC. .	27 10 19	27 13 15		DEC. .	24 1 29	24 10 36
103. A. 22 20 30	JAN. .	25 23 3	25 23 37	106. D. 22 13 56	JAN. .	22 14 13	23 3 5
	FEB. .	24 11 47	24 9 31		FEB. .	21 2 57	21 16 39
	MAR..	26 0 31	25 19 26		MAR..	22 15 41	23 3 20
	APRIL	24 13 15	24 6 3		APRIL	21 4 25	21 11 42
	MAY .	24 1 59	23 18 3		MAY .	20 17 9	20 18 41
	JUNE .	22 14 43	22 7 46		JUNE .	19 5 53	19 1 21
	JULY .	22 3 27	21 23 8		JULY .	18 18 37	18 8 49
	AUG..	20 16 11	20 15 32		AUG. .	17 7 21	16 18 8
	SEPT..	19 4 55	19 8 8		SEPT..	15 20 5	15 6 10
	OCT. .	18 17 39	19 0 7		OCT. .	15 8 49	14 21 17
	NOV. .	17 6 23	17 14 51		NOV. .	13 21 33	13 15 7
	○	{ 2 0 45	1 15 6		DEC. .	13 10 17	13 10 31
	DEC. .	{ 16 19 7	17 4 2				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox	Month.	Mean New Moon. (Full Ecl.)	True New Moon. (Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (Full Ecl.)	True New Moon. (Full Ecl.)
A.D. 107.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 110.		<i>d. h. m.</i>	<i>d. h. m.</i>
March.	JAN. .	11 23 2	12 5 50	March.	JAN. .	8 14 12	8 7 14
<i>d. h. m.</i>	FEB. .	10 11 46	10 23 29	<i>d. h. m.</i>	FEB. .	7 2 56	6 21 4
22 19 45	MAR. .	12 0 30	12 14 19	22 18 11	MAR. .	8 15 40	8 11 57
		(26 18 52	26 12 57		APRIL .	7 4 24	7 3 34
	APRIL .	10 13 14	11 2 6		MAY .	6 17 8	6 19 21
	MAY .	10 1 58	10 11 13		JUNE .	5 5 52	5 10 37
	JUNE .	8 14 42	8 18 40		JULY .	4 18 36	5 0 45
	JULY .	8 3 26	8 1 29		AUG. .	3 7 20	3 13 33
	AUG. .	6 16 10	6 8 48		SEPT. .	1 20 4	2 1 10
	SEPT. .	5 4 54	4 17 36		OCT. .	1 8 48	1 12 6
	OCT. .	(19 23 16	20 4 15		NOV. .	(30 21 32	30 22 49
	NOV. .	4 17 38	4 4 40		DEC. .	29 10 16	29 9 35
	DEC. .	3 6 22	2 18 27			28 23 0	28 20 31
		2 19 6	2 10 49				
108.	JAN. .	(1 7 50	1 5 4	111.	OCT. .	(12 17 22	13 2 54
R.A.	FEB. .	(30 20 34	30 23 55	R.	JAN. .	(27 11 44	27 7 37
		29 9 19	29 17 54	22 19 0	FEB. .	26 0 20	25 19 8
	OCT. .	(15 8 41	15 2 11		MAR. .	27 13 13	27 7 25
22 1 31	MAR. .	(29 22 3	30 9 42		APRIL .	26 1 57	25 20 46
	APRIL .	28 10 47	28 22 53		MAY .	25 14 41	25 11 17
	MAY .	27 23 31	28 9 25		JUNE .	24 3 25	24 2 35
	JUNE .	26 12 15	26 18 8		OCT. .	(8 21 47	8 17 0
	JULY .	26 0 59	26 1 47		JULY .	(23 16 9	23 18 6
	AUG. .	24 18 43	24 9 40		AUG. .	22 4 53	22 9 10
	OCT. .	(8 8 5	8 0 10		SEPT. .	20 17 37	20 23 22
	SEPT. .	(23 2 27	23 18 34		OCT. .	20 6 21	20 12 36
	NOV. .	22 15 11	22 5 7		NOV. .	18 19 5	19 0 53
	DEC. .	21 3 55	20 17 39		DEC. .	18 7 49	18 12 17
		20 16 39	20 8 11				
109.	JAN. .	19 5 23	19 0 25	112.	OCT. .	(2 2 11	2 2 34
G.	FEB. .	17 18 7	17 17 40	D.O.	JAN. .	(16 20 33	16 22 54
	OCT. .	(4 12 39	4 19 1	22 0 49	FEB. .	15 9 17	15 8 43
22 7 23	MAR. .	(19 8 51	19 10 55		MAR. .	15 22 1	15 18 24
	APRIL .	17 19 35	18 3 10		APRIL .	14 10 45	14 4 18
	MAY .	17 8 19	17 17 37		MAY .	13 23 29	13 15 18
	JUNE .	15 21 3	16 5 57		JUNE .	(12 12 13	12 4 0
	JULY .	15 9 47	15 16 23		OCT. .	(27 6 35	27 10 7
	AUG. .	(18 22 31	14 1 49		JULY .	12 0 57	11 18 35
	OCT. .	(23 16 53	23 6 20		AUG. .	10 18 41	10 10 41
	SEPT. .	12 11 15	12 10 55		SEPT. .	9 2 25	9 3 31
	NOV. .	11 23 59	11 20 29		OCT. .	8 15 9	8 20 10
	DEC. .	10 12 43	10 6 58		NOV. .	7 3 53	7 11 52
		10 1 27	9 18 32		DEC. .	(6 16 37	7 2 1
					OCT. .	(21 10 39	21 8 32

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 113.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 116.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				F.E.			
March.	JAN. .	5 5 22	5 14 25	March.	JAN. .	2 20 32	3 0 15
<i>d. h. m.</i>	FEB. .	3 18 6	4 1 2	<i>d. h. m.</i>	FEB. .	1 9 16	1 18 50
22 6 38	MAR. .	5 6 50	5 10 13	22 0 4	MAR. .	{ 1 22 0	2 11 4
	APRIL	3 19 34	3 18 27			{ 31 10 44	{ 1 0 17
	MAY .	3 8 18	3 2 33		○	{ 15 5 6	{ 14 22 23
	JUNE .	{ 1 21 2	{ 1 11 32		APRIL	{ 29 23 28	{ 30 10 36
	○	{ 16 16 24	{ 17 1 14		MAY .	29 12 12	29 18 47
	JULY .	{ 1 9 46	{ 30 22 20		JUNE .	28 0 56	28 1 49
		{ 30 22 30	30 11 38		JULY .	27 13 40	27 8 51
	AUG. .	29 11 14	29 3 28		AUG. .	26 2 24	25 16 56
	SEPT. .	27 23 58	27 21 11		SEPT. .	24 15 8	24 2 55
	OCT. .	27 12 42	27 15 40		○	{ 9 9 30	9 15 41
	NOV. .	26 1 26	26 9 31		OCT. .	{ 24 3 52	23 15 28
	DEC. .	25 14 10	26 1 36		NOV. .	22 16 36	22 6 29
					DEC. .	22 5 20	21 23 50
114.	JAN. .	24 2 54	24 15 15	117.	JAN. .	20 18 4	20 18 24
A.	FEB. .	22 15 38	23 2 20	. D.	FEB. .	19 6 48	19 12 47
22 12 27	MAR. .	24 4 22	24 11 17	22 5 53	MAR. .	20 19 32	21 5 41
	APRIL	22 17 6	22 18 49		APRIL	19 8 16	19 20 9
	MAY .	22 5 50	22 1 49		MAY .	18 21 0	19 7 57
	JUNE .	20 18 34	20 9 24		JUNE .	17 9 44	17 17 31
	JULY .	20 7 18	19 18 40		JULY .	16 22 28	17 1 42
	AUG. .	18 20 2	18 6 32		AUG. .	15 11 12	15 9 35
	SEPT. .	17 8 46	16 21 26		SEPT. .	13 23 56	13 18 4
	OCT. .	{ 16 21 30	16 15 1		OCT. .	13 12 40	13 3 53
	○	{ 31 15 52	31 14 26		NOV. .	12 1 24	11 15 27
	NOV. .	15 10 14	15 10 14		DEC. .	11 14 8	11 4 57
	DEC. .	14 22 58	15 5 31				
115.	JAN. .	13 11 43	13 23 14	118.	JAN. .	10 2 53	9 20 14
G.	FEB. .	12 0 27	12 14 16	C.	FEB. .	{ 8 15 37	8 12 49
22 18 16	MAR. .	13 13 11	14 2 15	22 11 42	○	{ 23 9 59	23 18 19
	APRIL	{ 12 1 55	12 11 35		MAR. .	10 4 21	10 5 56
	○	{ 26 20 17	26 17 28		APRIL	8 17 5	8 22 33
	MAY .	11 14 39	11 19 4		MAY .	8 5 49	8 18 59
	JUNE .	10 3 23	10 1 43		JUNE .	6 18 33	7 3 26
	JULY .	9 16 7	9 8 40		JULY .	6 7 17	6 14 57
	AUG. .	8 4 51	7 16 59		AUG. .	{ 4 20 1	5 1 1
	SEPT. .	6 17 35	6 3 39		○	{ 19 14 23	19 2 13
	OCT. .	{ 6 6 19	5 17 19		SEPT. .	3 8 45	3 10 23
	○	{ 21 0 41	21 5 31		OCT. .	2 21 29	2 19 53
	NOV. .	4 19 3	4 9 55		Nov. .	{ 1 10 13	1 6 1
	DEC. .	4 7 47	4 4 43			{ 30 22 57	30 17 4
					DEC. .	30 11 41	30 5 5

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (☾ Full Rel.)	True New Moon. (☾ Full Rel.)	Mean Vernal Equinox.	Month.	Mean New Moon. (☾ Full Rel.)	True New Moon. (☾ Full Rel.)
A.D. 119. D. March d. h. m. 22 17 30	JAN. .	d. h. m. 21 0 26	d. h. m. 28 18 8	A.D. 122. E. March. d. h. m. 22 10 57	JAN. .	d. h. m. 25 15 30	d. h. m. 26 0 15
	FEB. .	(12 18 48	13 8 12		FEB. .	24 4 20	24 9 57
	MAR. .	27 13 10	27 8 12		MAR. .	25 17 4	25 18 22
	APRIL .	29 1 54	28 23 12		APRIL .	24 5 48	24 2 14
	MAY .	27 14 38	27 15 46		MAY .	23 18 32	23 10 29
	JUNE .	27 8 22	27 6 20		☾ { 7 12 54	7 22 29	
	JULY .	25 16 6	25 21 10		JUNE .	(22 7 16	21 20 9
	☾ { 8 23 12	8 10 1			JULY .	21 20 0	21 8 9
	AUG. .	(23 17 34	23 23 16		AUG. .	20 8 44	19 22 47
	SEPT. .	22 6 18	22 10 47		SEPT. .	18 21 28	18 15 49
	OCT. .	21 19 2	21 21 47		OCT. .	18 10 12	18 10 17
	NOV. .	20 7 46	20 8 40		NOV. .	16 23 56	17 4 47
	DEC. .	19 20 30	19 19 30		☾ { 1 17 18	1 9 22	
					DEC. .	(16 11 40	16 22 1
120. A.D. 21 23 19	JAN. .	18 9 14	18 6 21	123. D. 22 16 46	JAN. .	15 0 24	15 12 57
	☾ { 2 8 39	2 15 25			FEB. .	13 13 8	14 1 15
	FEB. .	(16 21 58	16 17 23		MAR. .	15 1 52	15 11 4
	MAR. .	17 10 42	17 4 50		APRIL .	13 14 36	13 19 8
	APRIL .	15 23 26	15 17 27		MAY .	(13 3 20	13 2 4
	MAY .	15 12 10	15 7 11		☾ { 27 21 42	28 3 37	
	JUNE .	14 0 54	13 22 5		JUNE .	11 16 4	11 9 8
	JULY .	(13 13 38	13 13 40		JULY .	11 4 48	10 17 25
	☾ { 28 8 0	28 0 27			AUG. .	9 17 32	9 8 54
	AUG. .	12 2 22	12 5 13		SEPT. .	8 6 16	7 17 20
	SEPT. .	10 15 6	10 20 12		OCT. .	7 19 0	7 9 46
	OCT. .	10 8 50	10 10 12		NOV. .	{ 6 7 44	6 4 28
	NOV. .	8 16 31	8 23 10		☾ { 21 2 6	21 0 14	
	DEC. .	8 5 18	8 11 8		DEC. .	5 20 28	5 23 59
121. F. 22 5 8	JAN. .	6 18 8	6 22 7	124. C.D. 21 22 33	JAN. .	4 9 13	4 18 42
	FEB. .	5 8 47	5 8 11		FEB. .	2 21 57	3 11 7
	MAR. .	6 19 31	6 17 39		MAR. .	3 10 41	4 0 34
	APRIL .	5 8 12	5 8 8		APRIL .	1 23 25	2 11 8
	MAY .	4 20 50	4 18 11		MAY .	{ 1 12 9	1 19 15
	JUNE .	3 9 43	3 0 47		☾ { 31 0 53	31 2 10	
	JULY .	2 22 27	2 14 23		JUNE .	29 13 37	29 8 49
	AUG. .	{ 1 11 11	1 5 52		JULY .	29 2 21	28 16 24
	☾ { 30 23 55	30 22 37			AUG. .	27 15 5	27 1 52
	SEPT. .	29 12 39	29 15 45		SEPT. .	26 3 40	25 14 5
	OCT. .	29 1 23	29 8 13		OCT. .	25 16 33	25 5 13
	NOV. .	27 14 7	27 23 26		NOV. .	24 5 17	23 23 9
	☾ { 12 8 29	11 23 30			DEC. .	23 18 1	23 18 23
	DEC. .	(27 2 51	27 12 47				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 125. A. March. d. h. m. 22 4 23	JAN. .	d. h. m. 22 6 46	d. h. m. 22 13 38	A.D. 128. E.D. March. d. h. m. 21 21 50	JAN. .	d. h. m. 19 21 55	d. h. m. 19 15 41
	FEB. .	20 19 30	21 7 5		FEB. .	18 10 39	18 4 57
	MAR. .	22 8 14	22 21 45		MAR. .	18 23 23	18 19 12
	○	{ 6 2 36	5 20 25		APRIL	17 12 7	17 10 19
	APRIL	{ 20 20 58	21 9 26		MAY .	17 0 51	17 1 49
	MAY .	20 9 42	20 18 33		JUNE .	15 13 35	15 17 7
	JUNE .	18 22 26	19 2 4		JULY .	15 2 19	15 7 33
	JULY .	18 11 10	18 9 4		AUG. .	13 15 3	13 20 51
	AUG. .	16 23 54	16 16 40		SEPT. .	12 3 47	12 9 4
	SEPT. .	{ 15 12 38	15 1 44		OCT. .	11 16 31	11 20 34
	○	{ 30 7 0	30 12 1		NOV. .	10 5 15	10 7 39
	OCT. .	15 1 22	14 13 0		DEC. .	9 17 59	9 18 38
	NOV. .	13 14 6	13 2 50				
	DEC. .	13 2 50	12 19 3				
126. G. 22 10 12	JAN. .	11 15 34	11 13 0	129. C. 22 3 39	JAN. .	{ 8 6 44	8 5 20
	FEB. .	10 4 18	10 7 26		○	{ 23 1 6	23 10 48
	MAR. .	{ 11 17 2	12 1 3		FEB. .	6 19 28	6 16 3
	○	{ 26 11 24	26 10 5		MAR. .	8 8 12	8 3 0
	APRIL	10 5 46	10 16 44		APRIL	6 20 56	6 14 40
	MAY .	9 18 30	10 5 51		MAY .	6 9 40	6 3 33
	JUNE .	8 7 14	8 16 31		JUNE .	4 22 24	4 17 46
	JULY .	7 19 58	8 1 24		JULY .	{ 4 11 8	4 9 5
	AUG. .	6 8 42	6 9 30		○	{ 19 5 30	19 0 34
	SEPT. .	{ 4 21 26	4 17 47		AUG. .	2 23 52	3 0 54
	○	{ 19 15 43	19 13 28		SEPT. .	1 12 36	1 16 29
	OCT. .	4 10 10	4 3 3		OCT. .	{ 1 1 20	1 7 19
	NOV. .	2 22 54	2 13 49			{ 30 14 4	30 21 5
	DEC. .	{ 2 11 38	2 2 18		NOV. .	29 2 48	29 9 48
		{ ...	31 16 34		DEC. .	28 15 32	28 21 11
127. F. 22 16 1	JAN. .	{ 1 0 22	...	130. B. 22 9 28	○	{ 12 9 55	12 10 24
	FEB. .	{ 30 13 6	30 8 19		JAN. .	{ 27 4 17	27 7 85
	○	{ ...	...		FEB. .	25 17 1	25 17 7
	MAR. .	{ 1 1 51	1 1 2		MAR. .	27 5 45	27 2 12
	○	{ 15 20 13	16 2 46		APRIL	25 18 29	25 11 37
	APRIL	{ 30 14 35	30 17 50		MAY .	25 7 13	24 22 18
	MAY .	29 3 19	29 9 51		JUNE .	23 19 57	23 10 42
	JUNE .	28 16 3	29 0 18		○	{ 8 14 19	8 17 35
	JULY .	27 4 47	27 12 53		JULY .	{ 23 8 41	23 1 16
	AUG. .	26 17 31	26 23 48		AUG. .	21 21 25	21 17 37
	○	{ 25 6 15	25 9 41		SEPT. .	20 10 9	20 10 55
	SEPT. .	{ 9 0 37	8 13 38		OCT. .	19 22 53	20 4 7
	○	{ 23 18 59	23 19 16		NOV. .	18 11 37	18 20 17
	OCT. .	23 7 43	23 5 14		DEC. .	18 0 21	18 10 41
	NOV. .	21 20 27	21 15 53				
	DEC. .	21 9 11	21 3 20				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 131.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 134.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.				March.			
<i>d. h. m.</i>				<i>d. h. m.</i>			
22 15 16				22 8 43			
	JAN.	{ 1 18 43	1 11 46		JAN.	13 4 15	13 8 4
	JAN.	{ 16 13 5	16 23 4		FEB.	11 16 59	12 2 25
	FEB.	15 1 49	15 9 30		MAR.	13 5 43	13 18 28
	MAR.	16 14 33	16 18 18		APRIL	{ 11 18 27	12 7 34
	APRIL	15 3 17	15 2 9		O	{ 26 12 49	26 5 31
	MAY.	14 16 1	14 9 54		MAY.	11 7 11	11 17 53
	JUNE.	{ 13 4 45	12 18 37		JUNE.	9 19 55	10 2 5
	O	{ 27 23 7	28 7 16		JULY.	9 8 39	9 9 19
	JULY.	12 17 29	12 5 19		AUG.	7 21 23	7 16 38
	AUG.	11 6 13	10 18 39		SEPT.	6 10 7	6 1 1
	SEPT.	9 18 57	9 10 40		OCT.	{ 5 22 51	5 11 15
	OCT.	9 7 41	9 4 44		O	{ 20 17 13	20 23 47
	NOV.	7 20 25	7 23 34		NOV.	4 11 35	3 23 49
	DEC.	7 9 9	7 17 45		DEC.	4 0 19	3 14 50
132.	JAN.	5 21 54	6 9 59	135.	JAN.	2 13 3	2 7 54
G.F.	FEB.	4 10 38	4 23 35	C.	FEB.	1 1 47	1 2 2
21 21 5	MAR.	4 23 22	5 10 29	22 14 32	MAR.	2 14 32	2 20 3
	APRIL	3 12 6	3 19 8		APRIL	{ 1 3 16	1 12 41
	MAY.	3 0 50	3 2 24		O	{ 30 16 0	1 3 3
	JUNE.	1 13 34	{ 1 9 13		MAY.	30 4 44	{ 30 14 57
	O	{ 1 2 18	{ 30 16 43		JUNE.	28 17 28	29 0 45
	JULY.	{ 30 15 2	30 2 1		JULY.	28 6 12	28 9 18
	AUG.	29 3 46	28 14 0		AUG.	26 18 56	26 17 34
	SEPT.	27 16 30	27 5 2		SEPT.	25 7 40	25 2 28
	OCT.	27 5 14	26 22 50		OCT.	24 20 24	24 12 35
	O	{ 10 23 36	10 23 19		NOV.	23 9 8	23 0 12
	NOV.	{ 25 17 58	25 18 13		DEC.	22 21 52	22 13 31
	DEC.	25 6 42	25 13 33				
133.	JAN.	23 19 27	24 7 15	136.	JAN.	21 10 37	21 4 21
E.	FEB.	22 8 11	22 22 9	B.A.	FEB.	19 23 21	19 20 22
22 2 54	MAR.	23 20 55	24 9 59		O	{ 5 17 43	6 2 35
	APRIL	22 9 39	22 19 10	21 20 21	MAR.	{ 20 12 5	20 12 59
	O	{ 7 4 1	7 0 6		APRIL	19 0 49	19 5 19
	MAY.	{ 21 22 23	22 2 32		MAY.	18 13 33	18 20 36
	JUNE.	20 11 7	20 9 10		JUNE.	17 2 17	17 10 13
	JULY.	19 23 51	19 16 13		JULY.	16 15 1	16 22 6
	AUG.	18 12 35	18 0 43		AUG.	{ 15 3 45	15 8 38
	SEPT.	17 1 19	16 11 35		O	{ 29 22 7	29 9 31
	OCT.	{ 16 14 3	16 1 21		SEPT.	13 16 29	13 18 33
	O	{ 31 8 25	31 14 9		OCT.	13 5 13	13 4 31
	NOV.	15 2 47	14 18 0		NOV.	11 17 57	11 14 54
	DEC.	14 15 31	14 12 44		DEC.	11 6 41	11 1 58

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 137. G. March. d. h. m. 22 2 9		d. h. m.	d. h. m.	A.D. 140. D.C. March. d. h. m. 21 19 36		d. h. m.	d. h. m.
	JAN. .	9 19 25	9 13 43		JAN. .	7 10 35	7 21 28
	FEB. .	{ 8 8 9	8 2 15		FEB. .	5 23 19	6 8 46
	○	{ 23 2 31	23 16 13		MAR. .	6 12 3	6 18 10
	MAR. .	9 20 53	9 15 43		APRIL	5 0 47	5 2 12
	APRIL	8 9 37	8 6 9		MAY .	4 13 31	4 9 42
	MAY .	7 22 21	7 21 20		JUNE .	{ 3 2 15	2 17 40
	JUNE .	6 11 5	6 12 46		○	{ 17 20 37	18 5 24
	JULY .	5 23 49	6 3 47		JULY .	2 14 59	{ 2 3 12
	AUG. .	{ 4 12 33	4 17 54		AUG. .	{ 1 3 43	{ 31 15 9
	○	{ 19 6 55	18 17 37		SEPT. .	{ 30 16 27	30 5 57
	SEPT. .	3 1 17	3 6 55		OCT. .	29 5 11	28 23 16
	OCT. .	2 14 1	2 19 2		NOV. .	28 17 55	28 18 5
	NOV. .	{ 1 2 45	1 6 31		○	27 6 39	27 12 55
	DEC. .	{ 30 15 29	30 17 36		DEC. .	{ 12 1 1	11 18 10
		30 4 13	30 4 24			{ 26 19 23	27 6 19
138. F.	JAN. .	28 16 58	28 14 59	141. B.	JAN. .	25 8 7	25 21 16
	○	{ 12 11 20	12 23 9		FEB. .	23 20 51	24 9 24
	FEB. .	{ 27 5 42	27 1 30	22 1 25	MAR. .	25 9 36	25 18 59
22 7 58	MAR. .	28 18 26	28 12 28		APRIL	23 22 20	24 2 43
	APRIL	27 7 10	27 0 25		MAY .	23 11 4	23 9 31
	MAY .	26 19 54	26 13 47		○	{ 7 5 26	7 10 9
	JUNE .	25 8 38	25 4 34		JUNE .	{ 21 23 48	21 16 30
	JULY .	24 21 22	24 20 18		JULY .	21 12 32	21 0 47
	○	{ 8 15 44	8 8 13		AUG. .	20 1 16	19 11 23
	AUG. .	{ 23 10 6	23 12 19		SEPT. .	18 14 0	18 0 57
	SEPT. .	21 22 50	22 3 53		OCT. .	18 2 44	17 17 33
	OCT. .	21 11 34	21 18 30		NOV. .	16 15 28	16 12 28
	NOV. .	20 0 18	20 7 54		○	{ 1 9 50	1 9 18
	DEC. .	19 13 2	19 20 2		DEC. .	{ 16 4 12	16 7 59
139. E.	JAN. .	18 1 47	18 6 55	142. A.	JAN. .	14 16 56	15 2 40
	FEB. .	16 14 31	16 16 39		FEB. .	13 5 40	13 18 59
22 13 47	MAR. .	13 3 15	13 1 39	22 7 14	MAR. .	14 18 24	15 8 17
	APRIL	16 15 59	16 10 34		APRIL	13 7 8	13 18 33
	MAY .	16 4 43	15 20 15		MAY .	{ 12 19 52	13 2 42
	JUNE .	14 17 27	14 7 35		○	{ 27 14 14	27 10 43
	JULY .	14 6 11	13 21 4		JUNE .	11 8 36	11 9 34
	AUG. .	12 18 55	12 12 41		JULY .	10 21 20	10 16 20
	SEPT. .	11 7 39	11 5 50		AUG. .	9 10 4	9 0 5
	OCT. .	10 20 23	10 23 28		SEPT. .	7 22 48	7 9 46
	NOV. .	9 9 7	9 16 31		OCT. .	7 11 32	6 22 8
	DEC. .	{ 8 21 51	9 8 1		NOV. .	6 0 16	5 13 26
	○	{ 23 16 13	23 7 54		DEC. .	5 13 0	5 7 13

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 143. G. March. d. h. m. 22 13 2	JAN. .	d. h. m. 4 1 45	d. h. m. 4 2 21	A.D. 146. C. March. d. h. m. 22 6 29	JAN. .	d. h. m. 30 5 39	d. h. m. 30 0 4
	FEB. .	2 14 29	2 21 16		FEB. .	23 18 23	23 12 46
	MAR. .	4 3 13	4 14 30		MAR. .	30 7 7	30 2 23
	APRIL	{ 2 15 57	3 5 2		APRIL	23 19 51	23 17 1
	○	(17 10 19	17 3 46		MAY .	23 8 35	23 8 17
	MAY .	{ 2 4 41	2 16 38		JUNE .	23 21 19	26 23 37
		(31 17 25	{ 1 1 48		JULY .	26 10 3	26 14 25
	JUNE .	30 6 9	{ 30 9 29		AUG. .	24 22 47	25 4 16
	JULY .	29 18 53	29 16 46		SEPT. .	23 11 31	23 17 7
	AUG. .	23 7 37	28 0 40		OCT. .	23 0 15	23 5 7
	SEPT. .	26 20 21	26 10 2		NOV. .	21 12 59	21 16 33
	○	(11 14 43	11 19 52		DEC. .	21 1 43	21 3 32
	OCT. .	{ 26 9 5	25 21 29				
	NOV. .	24 21 49	24 11 17	147. B.	JAN. .	19 14 27	19 14 5
	DEC. .	24 10 33	24 3 17		○	{ 3 8 49	3 18 31
144. F.E. 21 18 51	JAN. .	22 23 18	22 20 49	22 12 18	FEB. .	{ 18 3 11	18 0 21
	FEB. .	21 12 2	21 14 51		MAR. .	19 15 56	19 10 46
	MAR. .	22 0 46	22 8 7		APRIL	18 4 40	17 21 53
	○	{ 5 19 8	5 17 52		MAY .	17 17 24	17 10 18
	APRIL	{ 20 13 30	20 23 36		JUNE .	16 6 8	16 0 17
	MAY .	20 2 14	20 12 45		JULY .	{ 15 18 52	15 15 39
	JUNE .	18 14 58	18 23 37		○	{ 30 13 14	30 8 16
	JULY .	18 3 42	18 8 50		AUG. .	14 7 36	14 7 48
	AUG. .	16 16 26	16 17 21		SEPT. .	12 20 20	12 23 55
	SEPT. .	{ 15 5 10	15 2 4		OCT. .	12 9 4	12 15 22
	○	{ 29 23 32	29 21 5		NOV. .	10 21 48	11 5 38
	OCT. .	14 17 54	14 11 41		DEC. .	10 10 32	10 18 32
	NOV. .	13 6 38	12 22 35				
	DEC. .	12 19 22	12 11 0	148. A.G.	JAN. .	{ 8 23 16	9 6 1
145. D. 22 0 40	JAN. .	11 8 6	11 0 55	21 18 7	○	{ 23 17 33	23 13 8
	FEB. .	9 20 50	9 16 8		FEB. .	7 12 0	7 16 10
	MAR. .	{ 11 9 34	11 8 15		MAR. .	8 0 44	8 1 16
	○	{ 26 3 56	26 10 44		APRIL	6 13 28	6 9 54
	APRIL	9 22 18	10 0 36		MAY .	6 2 12	5 13 51
	MAY .	9 11 2	9 16 24		JUNE .	4 14 56	4 5 6
	JUNE .	7 23 46	8 6 56		JULY .	{ 4 3 40	3 17 24
	JULY .	7 12 30	7 19 49		○	{ 18 22 2	19 1 6
	AUG. .	6 1 14	6 7 12		AUG. .	2 16 24	2 8 2
	SEPT. .	{ 4 13 58	4 17 37		SEPT. .	{ 1 5 8	1 0 39
	○	{ 19 8 20	18 21 5			{ 30 17 52	30 18 25
	OCT. .	4 2 42	4 3 44		OCT. .	30 6 36	30 12 8
	NOV. .	2 15 26	2 14 2		NOV. .	28 19 20	29 4 41
	DEC. .	{ 2 4 10	2 0 49		DEC. .	28 8 4	23 19 13
		{ 31 16 54	31 12 8				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 149.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 152.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				C.B. March.			
March.				<i>d. h. m.</i>			
21 23 55				21 17 22			
	○	12 2 26	11 19 55		JAN. .	24 11 59	24 15 47
	JAN. .	26 20 48	27 7 38		FEB. .	23 0 48	23 9 58
	FEB. .	25 9 32	25 17 48		MAR. .	23 18 27	24 1 45
	MAR. .	26 22 17	27 2 17		APRIL	22 2 11	22 14 45
	APRIL	25 11 1	25 9 45		○	6 20 33	6 12 37
	MAY .	24 23 45	24 17 13		MAY .	21 14 55	22 1 5
	JUNE .	23 12 29	23 1 45		JUNE .	20 8 39	20 9 26
	○	8 6 51	8 14 23		JULY .	19 16 23	19 16 55
	JULY .	23 1 13	22 12 23		AUG. .	18 5 7	18 0 34
	AUG. .	21 13 57	21 1 48		SEPT. .	16 17 51	16 9 16
	SEPT. .	20 2 41	19 18 2		OCT. .	16 6 35	15 19 44
	OCT. .	19 15 25	19 12 25		○	31 0 57	31 7 59
	NOV. .	18 4 9	18 7 34		NOV. .	14 19 19	14 8 22
	DEC. .	17 16 53	18 1 58		DEC. .	14 8 8	13 23 14
150.				153.			
E.				A.			
22 5 44				21 23 11			
	JAN. .	16 5 38	16 18 17		JAN. .	12 20 48	12 15 55
	FEB. .	14 18 22	15 7 46		FEB. .	11 9 32	11 9 37
	MAR. .	16 7 6	16 18 27		MAR. .	12 22 16	13 8 12
	APRIL	14 19 50	15 2 52		APRIL	11 11 0	11 19 33
	MAY .	14 8 34	14 9 54		○	26 5 22	26 1 37
	JUNE .	12 21 18	12 16 39		MAY .	10 23 44	11 9 52
	JULY .	12 10 2	12 0 8		JUNE .	9 12 28	9 21 54
	AUG. .	10 22 46	10 9 30		JULY .	9 1 12	9 8 1
	SEPT. .	9 11 30	8 21 36		AUG. .	7 18 56	7 16 59
	OCT. .	9 0 14	8 12 49		SEPT. .	6 2 40	6 1 43
	NOV. .	7 12 58	7 6 44		OCT. .	5 15 24	5 11 0
	○	22 7 20	22 8 16		NOV. .	4 4 8	3 21 21
	DEC. .	7 1 42	7 2 12		DEC. .	3 16 52	3 9 2
151.				154.			
D.				G.			
22 11 33				22 5 0			
	JAN. .	5 14 26	5 21 31		JAN. .	2 5 36	1 22 8
	FEB. .	4 3 10	4 15 6		○	31 18 20	31 12 24
	MAR. .	5 15 54	6 5 53		FEB. .	...	...
	APRIL	4 4 38	4 17 33		○	2 7 4	2 3 49
	MAY .	3 17 22	4 2 36		MAR.○	17 1 26	17 10 31
	○	18 11 44	18 6 33		○	31 19 48	31 19 54
	JUNE .	2 6 6	2 9 56		APRIL	30 8 32	30 11 55
	JULY .	1 13 50	1 16 39		MAY .	29 21 16	30 3 8
	○	31 7 34	30 23 52		JUNE .	28 10 0	28 16 58
	AUG. .	29 20 18	29 8 35		JULY .	27 22 44	28 5 17
	SEPT. .	23 9 2	27 19 39		AUG. .	26 11 23	26 16 23
	OCT. .	27 21 46	27 9 32		SEPT. .	25 0 12	25 2 50
	○	11 16 8	11 22 49		OCT. .	24 12 56	24 18 12
	NOV. .	26 10 30	26 2 9		NOV. .	23 1 40	22 23 50
	DEC. .	25 23 14	25 20 41		DEC. .	22 14 24	22 10 52

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 155. F. March. d. h. m. 22 10 48		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 158. B. March. d. h. m. 22 4 15		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	21 3 9	20 22 19		○	{ 2 23 57	2 16 17
	FEB. .	19 15 53	19 10 18		JAN. .	{ 17 18 19	18 6 3
	○	{ 6 10 15	7 0 6		FEB. .	16 7 3	16 17 10
	MAR. .	{ 21 4 37	20 23 9		MAR. .	17 19 47	18 2 14
	APRIL	19 17 21	19 13 1		APRIL	16 8 31	16 9 55
	MAY .	19 6 5	19 3 51		MAY .	15 21 15	15 17 8
	JUNE .	17 18 49	17 19 12		JUNE .	{ 14 9 59	14 0 55
	JULY .	17 7 33	17 10 28		○	{ 29 4 21	29 12 21
	AUG. .	{ 15 20 17	16 1 5		JULY .	13 22 43	13 10 21
	○	{ 30 14 39	30 1 33		AUG. .	12 11 27	11 22 20
	SEPT. .	14 9 1	14 14 43		SEPT. .	11 0 11	10 13 17
	OCT. .	13 21 45	14 3 24		OCT. .	10 12 55	10 6 51
	NOV. .	12 10 29	12 15 19		NOV. .	9 1 39	9 1 56
	DEC. .	11 23 13	12 2 37		DEC. .	{ 8 14 23	8 21 1
					○	{ 23 8 45	23 3 0
156. E.D. 21 16 37	JAN. .	10 11 57	10 13 16	159. A. 22 10 4	JAN. .	7 3 7	7 14 32
	FEB. .	{ 9 0 41	8 23 28		FEB. .	5 15 51	6 5 28
	○	{ 23 19 3	24 6 42		MAR. .	7 4 35	7 17 25
	MAR. .	9 13 25	9 9 28		APRIL	5 17 19	6 2 45
	APRIL	8 2 9	7 19 52		MAY .	5 6 3	5 10 16
	MAY .	7 14 53	7 7 20		JUNE .	{ 3 18 47	3 16 57
	JUNE .	6 3 37	5 20 23		○	{ 18 13 9	18 16 38
	JULY .	5 16 21	5 11 5		JULY .	3 7 31	2 23 55
	AUG. .	{ 4 5 5	4 3 3		AUG. .	{ 1 20 15	1 8 16
	○	{ 13 23 27	13 16 6		SEPT. .	29 21 43	29 8 43
	SEPT. .	2 17 49	2 19 31		OCT. .	29 10 27	29 1 26
	OCT. .	{ 2 6 33	2 11 40		NOV. .	27 23 11	27 20 20
		{ 31 19 17	{ 1 2 51		○	{ 12 17 33	12 13 11
	NOV. .	30 8 1	{ 30 16 38		DEC. .	{ 27 11 55	27 15 56
	DEC. .	29 20 45	30 4 52				
157. C. 21 22 26	JAN. .	23 9 30	23 15 35	160. G.F. 21 15 53	JAN. .	23 0 40	26 10 31
	FEB. .	26 22 14	27 0 58		FEB. .	24 13 24	25 2 43
	MAR. .	23 10 58	23 9 30		MAR. .	25 2 8	25 15 53
	APRIL	26 23 42	26 17 58		APRIL	23 14 52	24 2 5
	MAY .	26 12 26	26 3 18		MAY .	23 3 36	23 10 7
	JUNE .	25 1 10	24 14 24		○	{ 6 21 58	6 17 18
	JULY .	24 13 54	24 3 50		JUNE .	{ 21 16 20	21 17 2
	AUG. .	23 2 38	22 19 39		JULY .	21 5 4	20 23 57
	SEPT. .	21 15 22	21 13 10		AUG. .	19 17 43	19 7 56
	OCT. .	21 4 6	21 7 17		SEPT. .	18 6 32	17 17 50
	NOV. .	19 16 50	20 0 46		OCT. .	17 19 16	17 6 21
	DEC. .	19 5 34	19 16 31		NOV. .	16 8 0	15 21 40
					DEC. .	15 20 44	15 15 18

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 161. E. March. d. h. m. 21 21 41		d. h. m.	d. h. m.	A.D. 164. B.A. March. d. h. m. 21 15 7		d. h. m.	d. h. m.
	JAN. .	14 9 29	14 10 10		JAN. .	12 0 39	11 20 53
	FEB. .	12 22 13	13 4 47		FEB. .	10 13 23	10 8 21
	MAR. .	14 10 57	14 21 46		MAR. .	11 2 7	10 20 26
	APRIL .	12 23 41	13 12 10		APRIL .	9 14 51	9 9 28
	MAY .	12 12 25	12 23 46		MAY .	9 3 35	8 23 38
	JUNE .	11 1 9	11 9 4		JUNE .	7 16 19	7 14 43
	JULY .	10 13 53	10 16 58		JULY .	7 5 3	7 6 11
	AUG. .	9 2 37	9 0 31		AUG. .	5 17 47	5 21 22
	SEPT. .	7 15 21	7 8 48		SEPT. .	4 6 31	4 11 48
	OCT. .	7 4 5	6 18 29		OCT. .	3 19 15	4 1 15
	○	21 22 27	22 3 51		NOV. .	2 7 59	2 13 47
	NOV. .	5 16 49	5 6 5		DEC. .	1 20 43	2 1 30
	DEC. .	5 5 33	4 19 49			31 9 27	31 12 27
162. D. 22 3 30	JAN. .	3 18 17	3 11 29	165. G. 21 20 56	JAN. .	29 22 11	29 22 45
	FEB. .	2 7 1	2 4 33		○	13 16 33	14 2 8
	MAR. .	3 19 45	3 22 6		FEB. .	23 10 55	28 8 33
	APRIL .	2 8 29	2 15 1		MAR. .	29 23 39	29 18 24
	○	17 2 51	17 1 32		APRIL .	23 12 23	28 4 59
	MAY .	1 21 13	2 6 21		MAY .	23 1 7	27 17 0
		31 9 57	31 19 35		JUNE .	26 13 51	26 6 49
	JUNE .	29 22 41	30 6 43		JULY .	26 2 35	25 22 17
	JULY .	29 11 25	29 16 20		○	9 20 57	9 16 3
	AUG. .	28 0 9	28 1 18		AUG. .	24 15 19	24 14 48
	SEPT. .	26 12 53	26 10 27		SEPT. .	23 4 3	23 7 28
	○	11 7 15	11 4 30		OCT. .	22 16 47	22 23 30
	OCT. .	26 1 37	25 20 23		NOV. .	21 5 31	21 14 12
	NOV. .	24 14 21	24 7 26		DEC. .	20 18 15	21 3 21
	DEC. .	24 3 5	23 19 42				
163. C. 22 9 19	JAN. .	22 15 50	22 9 12	166. F. 22 2 45	JAN. .	19 7 0	19 14 46
	FEB. .	21 4 34	20 23 50		○	3 1 22	3 1 47
	MAR. .	22 17 18	22 15 22		FEB. .	17 19 44	18 0 37
	○	6 11 40	6 18 33		MAR. .	19 8 28	19 9 18
	APRIL .	21 6 2	21 7 18		APRIL .	17 21 12	17 17 29
	MAY .	20 18 46	20 22 55		MAY .	17 9 56	17 2 4
	JUNE .	19 7 30	19 13 33		JUNE .	15 22 40	15 12 2
	JULY .	18 20 14	19 2 48		JULY .	15 11 24	15 0 14
	AUG. .	17 8 53	17 14 44		○	30 5 46	30 8 42
	SEPT. .	15 21 42	16 1 42		AUG. .	14 0 8	13 14 58
	○	30 16 4	30 4 44		SEPT. .	12 12 52	12 7 53
	OCT. .	15 10 26	15 12 18		OCT. .	12 1 36	12 2 3
	NOV. .	13 23 10	13 22 57		NOV. .	10 14 20	10 20 13
	DEC. .	13 11 54	13 9 47		DEC. .	10 3 4	10 13 6

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 167. E. March. d. h. m. 22 8 34		d. h. m.	d. h. m.	A.D. 170. A. March. d. h. m. 22 2 0		d. h. m.	d. h. m.
	JAN. .	{ 8 15 48	9 3 50		JAN. .	5 6 58	5 4 18
	○	{ 23 10 10	23 4 2		FEB. .	3 19 42	3 23 24
	FEB. .	7 4 32	7 16 4		MAR. .	5 8 26	5 17 11
	MAR. .	8 17 16	9 1 57		APRIL .	3 21 10	4 8 50
	APRIL .	7 6 0	7 10 5		MAY .	{ 3 9 54	3 21 49
	MAY .	6 18 44	6 17 17		○	{ 18 4 16	17 19 40
	JUNE .	5 7 28	5 0 32		JUNE .	1 22 38	2 8 12
	JULY .	{ 4 20 12	4 8 57		JULY .	{ 1 11 22	1 16 43
	○	{ 19 14 31	19 21 33		AUG. .	29 12 50	29 8 34
	AUG. .	3 8 56	2 19 35		SEPT. .	28 1 34	27 17 38
	SEPT. .	1 21 40	1 9 7		OCT. .	27 14 18	27 4 20
	OCT. .	{ 1 10 24	1 1 34		○	{ 11 8 40	11 16 13
168. D.C. 21 14 23	NOV. .	29 11 52	29 15 35	171. G. 22 7 49	NOV. .	{ 26 3 2	25 16 59
	DEC. .	29 0 36	29 10 7		DEC. .	25 15 46	25 7 36
	JAN. .	27 13 21	23 2 25		JAN. .	24 4 31	23 23 52
	FEB. .	26 2 5	26 15 46		FEB. .	22 17 15	22 17 2
	MAR. .	26 14 49	27 2 15		MAR. .	24 5 59	24 10 10
	APRIL .	25 3 33	25 10 28		APRIL .	22 18 43	23 2 17
	MAY .	24 16 17	24 17 23		○	{ 7 13 5	7 9 4
	JUNE .	23 5 1	23 0 4		MAY .	{ 22 7 27	22 16 36
	JULY .	22 17 45	22 7 37		JUNE .	20 20 11	21 4 50
	AUG. .	21 6 29	20 17 7		JULY .	20 8 55	20 15 20
	SEPT. .	19 19 13	19 5 23		AUG. .	13 21 39	19 0 44
	OCT. .	19 7 57	18 20 43		SEPT. .	17 10 23	17 9 57
	NOV. .	17 20 41	17 14 42		OCT. .	16 23 7	16 19 33
169. B. 21 20 12	○	{ 2 15 3	2 17 14	172. F.E. 21 13 33	NOV. .	15 11 51	15 6 12
	DEC. .	{ 17 9 25	17 10 7		DEC. .	15 0 35	14 17 50
	JAN. .	15 22 10	16 5 23		JAN. .	13 13 20	13 6 32
	FEB. .	14 10 54	14 22 49		FEB. .	12 2 4	11 20 21
	MAR. .	15 23 33	16 13 26		MAR. .	{ 12 14 48	12 11 10
	APRIL .	14 12 22	15 1 0		○	{ 27 9 10	27 18 25
	MAY .	{ 14 1 6	14 9 59		APRIL .	11 3 32	11 2 43
	○	{ 23 19 23	23 13 17		MAY .	10 16 16	10 18 27
	JUNE .	12 13 50	12 17 21		JUNE .	9 5 0	9 9 33
	JULY .	12 2 34	12 0 14		JULY .	8 17 44	8 23 46
	AUG. .	10 15 18	10 7 39		AUG. .	7 6 23	7 12 34
	SEPT. .	9 4 2	8 16 37		SEPT. .	5 19 12	6 0 14
	OCT. .	8 16 46	8 3 52		OCT. .	5 7 56	5 11 14
	NOV. .	{ 7 5 30	6 17 50		NOV. .	3 20 40	3 22 1
	○	{ 21 23 52	22 7 34		DEC. .	3 9 24	3 8 50
	DEC. .	6 18 14	6 10 21				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	
		<i>d. h. m.</i>	<i>d. h. m.</i>			<i>d. h. m.</i>	<i>d. h. m.</i>	
A.D. 173. D.				A.D. 176. A.G.				
March. d. h. m.				March. d. h. m.				
21 19 27	JAN. .	{ 1 22 8	1 19 44	21 12 53	○	{ 14 7 40	14 0 36	
	FEB. .	{ 31 10 52	31 6 47		JAN. .	{ 29 2 2	29 14 28	
		...	...		FEB. .	27 14 46	28 1 22
	MAR. ○	{ 1 23 36	1 18 14		MAR. .	23 3 30	23 10 9	
		{ 16 17 58	17 7 47		APRIL	26 16 14	26 17 33	
	APRIL	{ 31 12 20	31 6 27		MAY .	26 4 58	26 0 32	
	MAY .	30 1 4	29 19 48		JUNE .	24 17 42	24 8 11	
	JUNE .	29 13 48	29 10 19		○	{ 9 12 4	9 19 13	
	JULY .	28 2 32	28 1 39		JULY .	{ 24 6 26	23 17 35	
	AUG. .	27 15 16	27 17 13		AUG. .	22 19 10	22 5 39	
		26 4 0	26 8 21		SEPT. .	21 7 54	20 20 46	
	○	{ 9 22 22	9 9 18		OCT. .	20 20 38	20 14 33	
	SEPT. .	{ 24 16 44	24 22 35		NOV. .	19 9 22	19 9 52	
	OCT. .	24 5 28	24 11 51		DEC. .	18 22 6	19 5 4	
	NOV. .	22 18 12	23 0 8			○	{ 2 16 29	2 11 47
	DEC. .	22 6 56	22 11 32	177. F.	JAN. .	{ 17 10 51	17 22 39	
174. C.	JAN. .	20 19 41	20 22 3	21 18 42	FEB. .	15 23 35	16 13 29	
22 1 16	FEB. .	19 8 25	19 7 51		MAR. .	17 12 19	18 1 15	
	○	{ 6 2 47	6 14 8		APRIL	16 1 3	16 10 24	
	MAR. .	{ 20 21 9	20 17 20		MAY .	15 13 47	15 17 47	
	APRIL	19 9 53	19 3 12		JUNE .	{ 14 2 31	14 0 24	
	MAY .	18 22 37	18 14 14		○	{ 28 20 53	28 23 9	
	JUNE .	17 11 21	17 3 0		JULY .	13 15 15	13 7 25	
	JULY .	17 0 5	16 17 42		AUG. .	12 3 59	11 15 54	
	AUG. .	{ 15 12 49	15 9 55		SEPT. .	10 16 43	10 2 47	
	○	{ 30 7 11	30 0 7		OCT. .	10 5 27	9 16 39	
	SEPT. .	14 1 33	14 2 51		NOV. .	8 18 11	8 9 27	
	OCT. .	13 14 17	13 19 34		DEC. .	{ 8 6 55	8 4 19	
	NOV. .	12 3 1	12 11 15		○	{ 23 1 17	23 3 8	
	DEC. .	11 15 45	12 1 21	178. E.	JAN. .	6 19 40	6 23 50	
175. B.	JAN. .	10 4 30	10 13 37	22 0 31	FEB. .	5 8 24	5 13 16	
22 7 5	FEB. .	8 17 14	9 0 8		MAR. .	6 21 8	7 10 17	
	MAR. .	10 5 58	10 9 9		APRIL	5 9 52	5 23 16	
	APRIL	8 18 42	8 17 17		MAY .	4 22 36	5 9 26	
	MAY .	8 7 26	8 1 21		JUNE .	{ 3 11 20	3 17 29	
	JUNE .	6 20 10	6 10 22		○	{ 18 5 42	17 23 47	
	JULY .	6 8 54	5 21 17		JULY .	3 0 4	3 0 33	
	AUG. .	4 21 38	4 10 45		AUG. .	{ 1 12 48	1 7 39	
	SEPT. .	3 10 22	3 2 46			{ 31 1 32	30 15 54	
	OCT. .	2 23 6	2 20 39		SEPT. .	29 14 16	29 2 4	
	NOV. .	1 11 50	1 15 11		OCT. .	29 3 0	28 14 43	
	DEC. .	{ 1 0 34	1 9 1		NOV. .	27 15 44	27 5 53	
		{ 30 13 18	31 1 0		DEC .	27 4 28	26 23 23	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 179. D. March. d. h. m. 22 6 20		d. h. m.	d. h. m.	A.D. 182. G. March. d. h. m. 21 23 46		d. h. m.	d. h. m.
	JAN. .	25 17 12	25 17 54		JAN. .	22 8 22	22 5 38
	FEB. .	24 5 56	24 12 10		FEB. .	20 21 6	20 16 30
	MAR. .	25 18 40	26 4 52		MAR. .	22 9 50	22 3 59
	APRIL .	24 7 24	24 19 9		APRIL .	20 22 34	20 16 27
	MAY .	23 20 8	24 6 49		MAY .	20 11 18	20 6 14
	JUNE .	22 8 52	22 16 18		JUNE .	19 0 2	18 21 9
	JULY .	21 21 36	22 0 30		JULY .	18 12 46	18 12 47
	AUG. .	20 10 20	20 8 28		AUG. .	17 1 30	17 4 24
	SEPT. .	18 23 4	18 17 6		SEPT. .	15 14 14	15 19 25
	OCT. .	18 11 48	18 3 4		OCT. .	15 2 58	15 9 29
	○	2 6 10	2 11 52		NOV. .	13 15 42	13 22 29
	NOV. .	17 0 32	16 14 46		DEC. .	13 4 26	13 10 24
	DEC. .	16 13 16	16 4 21				
180. C.B. 21 12 9	JAN. .	15 2 1	14 19 30	183. F 22 5 35	JAN. .	11 17 10	11 21 17
	FEB. .	13 14 45	13 12 12		FEB. .	10 5 54	10 7 15
	MAR. .	14 3 29	14 5 13		○	25 0 16	25 9 33
	APRIL .	12 16 13	12 21 47		MAR. .	11 18 39	11 16 37
	○	27 10 35	27 9 8		APRIL .	10 7 23	10 1 57
	MAY .	12 4 57	12 13 1		MAY .	9 20 7	9 12 3
	JUNE .	10 17 41	11 2 23		JUNE .	8 8 51	7 23 45
	JULY .	10 6 25	10 13 51		JULY .	7 21 35	7 13 27
	AUG. .	8 19 9	8 23 55		AUG. .	6 10 19	6 5 8
	SEPT. .	7 7 53	7 9 23		○	21 4 41	20 23 59
	OCT. .	6 20 37	6 19 0		SEPT. .	4 23 8	4 21 56
	○	21 14 59	21 12 11		OCT. .	4 11 47	4 15 9
	NOV. .	5 9 21	5 5 14		NOV. .	3 0 31	3 7 42
	DEC. .	4 22 5	4 16 20		DEC. .	2 13 15	2 22 50
181. A. 21 17 58	JAN. .	3 10 49	3 4 21	184. E.D. 21 11 24	JAN. .	1 1 59	1 12 4
	FEB. .	1 23 33	1 17 22		○	30 14 43	30 23 22
	MAR. .	3 12 17	3 7 25		FEB. .	14 9 5	14 9 18
	APRIL .	2 1 1	1 22 21		○	29 8 27	29 8 55
	○	16 19 23	17 2 6		MAR. .	29 16 11	29 17 12
	MAY .	1 13 45	1 13 52		APRIL .	23 4 55	23 1 0
	JUNE .	31 2 29	31 5 21		MAY .	27 17 39	27 9 15
	JULY .	29 15 13	29 20 11		JUNE .	26 6 23	25 19 1
	AUG. .	27 16 41	27 22 19		JULY .	25 19 7	25 7 10
	SEPT. .	26 5 25	26 9 53		○	9 13 29	9 16 23
	○	10 23 47	10 12 30		AUG. .	24 7 51	23 22 0
	OCT. .	25 18 9	25 20 59		SEPT. .	22 20 35	22 15 14
	NOV. .	24 6 53	24 7 53		OCT. .	22 9 19	22 9 43
	DEC. .	23 19 37	23 18 43		NOV. .	20 22 3	21 4 20
					DEC. .	20 10 47	20 21 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 185. c. March. d h. m. 21 17 13		d. h. m.	d. h. m.	A.D. 188. g.f. March. d. h. m. 21 10 39		d. h. m.	d. h. m.
	JAN. .	18 23 32	19 12 16		JAN. .	16 14 42	16 12 31
	○	{ 2 17 54	2 12 3		FEB. .	15 3 26	15 6 53
	FEB. .	{ 17 12 16	18 0 20		MAR..	15 16 10	16 0 21
	MAR. .	19 1 0	19 9 59		APRIL	14 4 54	14 15 49
	APRIL	17 13 44	17 17 49		MAY .	{ 13 17 38	14 4 46
	MAY .	17 2 28	17 0 47		○	{ 23 12 0	28 2 43
	JUNE .	15 15 12	15 7 52		JUNE .	12 6 22	12 15 20
	JULY .	{ 15 3 56	14 16 15		JULY .	11 19 6	12 0 12
	○	{ 29 22 18	30 4 46		AUG. .	10 7 50	10 8 21
	AUG. .	13 16 40	13 2 57		SEPT..	8 20 31	8 16 46
	SEPT. .	12 5 24	11 16 36		OCT. .	8 9 18	8 2 10
	OCT. .	11 18 8	11 9 14		NOV. .	{ 6 22 2	6 13 4
	NOV. .	10 6 52	10 4 3		○	{ 21 16 24	22 0 30
	DEC. .	9 19 36	9 23 36		DEC. .	6 10 46	6 1 39
186. B. 21 23 2	JAN. .	8 8 21	8 18 12	189. E. 21 16 23	JAN. .	4 23 30	4 15 58
	FEB. .	6 21 5	7 10 25		FEB. .	3 12 14	3 7 42
	MAR..	8 9 49	8 23 38		MAR..	5 0 59	5 0 20
	APRIL	6 22 33	7 9 56		APRIL	3 13 43	3 17 2
	MAY .	6 11 17	6 18 0		MAY .	{ 3 2 27	3 8 56
	JUNE .	5 0 1	5 0 50		○	{ 17 20 49	17 16 30
	JULY .	4 12 45	4 7 32		JUNE .	1 15 11	1 23 17
	AUG. .	3 1 29	2 15 13		JULY .	{ 1 3 55	1 11 48
	SEPT. .	1 14 13	{ 1 0 55		○	{ 30 16 39	30 22 43
	OCT. .	{ 1 2 57	{ 30 13 20		AUG. .	29 5 23	29 8 39
	NOV. .	{ 30 15 41	30 4 45		SEPT..	27 18 7	27 18 21
	○	{ 13 22 47	14 2 12		OCT. .	27 6 51	27 4 25
	DEC. .	{ 23 17 9	28 18 4		NOV. .	25 19 35	25 15 8
187. A. 22 4 51	JAN. .	27 5 53	27 13 6	190. D. 21 22 17	JAN. .	23 21 3	23 14 57
	FEB. .	25 18 37	26 6 21		FEB. .	22 9 47	22 4 10
	MAR..	27 7 21	27 20 50		MAR..	23 22 31	23 18 22
	APRIL	25 20 5	26 8 18		○	{ 7 16 53	8 2 10
	MAY .	25 8 49	25 17 18		APRIL	{ 22 11 15	22 9 26
	○	{ 9 3 11	8 19 53		MAY .	21 23 59	22 0 54
	JUNE .	{ 23 21 33	24 0 45		JUNE .	20 12 43	20 16 9
	JULY .	23 10 17	23 7 50		JULY .	20 1 27	20 6 36
	AUG. .	21 23 1	21 15 32		AUG. .	18 14 11	18 19 55
	SEPT. .	20 11 45	20 0 48		SEPT..	17 2 55	17 8 12
	OCT. .	20 0 29	19 12 16		OCT. .	16 15 39	16 19 44
	NOV. .	18 13 13	18 2 13		NOV. .	15 4 23	15 6 54
	○	{ 3 7 35	3 16 17		DEC. .	14 17 7	14 17 47
	DEC. .	{ 18 1 57	17 18 34				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 191. c. March. d. h. m. 22 4 6		d. h. m.	d. h. m.	A.D. 194. f. March. d. h. m. 21 21 32		d. h. m.	d. h. m.
	JAN. .	13 5 52	13 4 31		JAN. .	{ 9 21 2	10 9 22
	FEB. .	11 18 36	11 15 10		○	{ 24 15 24	24 8 51
	MAR. .	{ 13 7 20	13 2 3		FEB. .	8 9 46	8 22 46
	○	{ 28 1 42	28 15 21		MAR. .	9 22 30	10 9 28
	APRIL	11 20 4	11 13 40		APRIL	8 11 14	8 17 58
	MAY .	11 8 43	11 2 32		MAY .	7 23 58	8 1 7
	JUNE .	9 21 32	9 16 48		JUNE .	6 12 42	6 7 55
	JULY .	9 10 16	9 8 11		JULY .	{ 6 1 26	5 15 31
	AUG. .	7 23 0	8 0 4		○	{ 20 19 48	21 2 18
	SEPT. .	{ 6 11 44	6 15 43		AUG. .	4 14 10	4 0 58
	○	{ 21 6 6	20 17 24		SEPT. .	3 2 54	2 13 8
	OCT. .	6 0 28	6 6 36		OCT. .	2 15 38	{ 2 4 23
	NOV. .	4 13 12	4 20 23		NOV. .	{ 1 4 22	{ 31 22 23
	DEC. .	4 1 56	4 8 59		DEC. .	{ 30 17 6	30 17 50
						30 5 50	30 13 7
192. B.A.	JAN. .	2 14 41	2 20 26	195. E.	○	{ 14 0 13	13 20 31
	FEB. .	1 3 25	1 6 42		JAN. .	{ 28 18 35	29 6 39
21 9 55	MAR. ○	{ 1 16 9	1 16 6	22 3 21	FEB. .	27 7 19	27 21 20
		{ 16 10 31	16 21 28		MAR. .	28 20 3	29 8 57
	APRIL	{ 31 4 53	31 1 6		APRIL	27 8 47	27 17 57
	MAY .	29 17 37	29 10 29		MAY .	26 21 31	27 1 18
	JUNE .	29 6 21	28 21 7		JUNE .	25 10 15	25 7 52
	JULY .	27 19 5	27 9 41		○	{ 10 4 37	10 5 44
	AUG. .	27 7 49	27 0 24		JULY .	{ 24 22 59	24 15 1
	○	25 20 33	25 16 54		AUG. .	23 11 43	22 23 40
	SEPT. .	{ 9 14 55	9 8 18		SEPT. .	22 0 27	21 10 45
		{ 24 9 17	24 10 18		OCT. .	21 13 11	21 0 44
	OCT. .	23 22 1	24 3 35		NOV. .	20 1 55	19 17 34
	NOV. .	22 10 45	22 19 42		DEC. .	19 14 39	19 12 20
	DEC. .	21 23 29	22 10 2		○	{ 3 9 1	3 12 3
193. G.	JAN. .	20 12 13	20 22 17	196. D.C.	JAN. .	{ 18 3 23	18 7 37
21 15 44	FEB. .	19 0 57	19 8 32	21 9 10	FEB. .	16 16 7	17 1 48
	MAR. .	20 13 41	20 17 12		MAR. .	17 4 51	17 17 39
	APRIL	19 2 25	19 0 56		APRIL	15 17 35	16 6 33
	MAY .	18 15 9	18 8 39		MAY .	15 6 19	15 16 40
	JUNE .	17 3 53	16 17 27		JUNE .	{ 13 19 3	14 0 49
	JULY .	16 16 37	16 4 16		○	{ 28 13 25	28 6 21
	AUG. .	15 5 21	14 17 47		JULY .	13 7 47	13 8 3
	SEPT. .	13 18 5	13 10 2		AUG. .	11 20 31	11 15 28
	OCT. .	13 6 49	13 4 14		SEPT. .	10 9 15	10 0 1
	NOV. .	11 19 33	11 23 10		OCT. .	9 21 59	9 10 25
	DEC. .	11 8 17	11 17 17		NOV. .	8 10 43	7 23 10
					DEC. .	7 23 27	7 14 19

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 197.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 200.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March. <i>d. h. m.</i> 21 14 59	JAN. .	6 12 12	6 7 25	F.E. March. <i>d. h. m.</i> 21 8 25	JAN. .	4 3 22	4 3 38
	FEB. .	5 0 56	5 1 31		FEB. .	2 16 6	2 14 7
	MAR. .	6 13 40	6 19 24		MAR. .	3 4 50	3 0 33
	APRIL .	5 2 24	5 11 51		APRIL .	1 17 34	{ 1 11 27 30 23 24
	MAY .	4 15 8	5 2 3		MAY .	{ 1 6 18 30 19 2	30 12 43
	JUNE .	3 3 52	3 13 49		JUNE .	20 7 46	29 3 33
	JULY .	2 16 36	2 23 33		JULY .	28 20 30	28 19 28
	AUG. .	{ 1 5 20 30 18 4	1 8 8 30 16 30		AUG. .	27 9 14	27 11 33
	SEPT. .	29 6 43	29 1 32		SEPT. .	25 21 58	26 3 10
	OCT. .	23 19 32	23 11 47		OCT. .	25 10 42	25 17 49
	○	{ 12 13 54 27 8 16	12 19 59 26 23 31		NOV. .	23 23 26	24 7 14
	NOV. .	{ 27 8 16 26 21 0	26 23 31 26 12 53		DEC. .	23 12 10	23 19 13
	DEC. .	26 21 0	26 12 53				
198.	JAN. .	25 9 44	25 3 43	201.	JAN. .	22 0 54	22 6 3
A. 21 20 48	FEB. .	23 22 28	23 19 41	D.	FEB. .	20 13 38	20 15 40
	MAR. .	25 11 12	25 12 11		○	{ 7 8 0 22 2 22	7 16 50 22 0 33
	APRIL .	23 23 56	24 4 26	21 14 14	MAR. .	20 15 6	20 9 23
	○	{ 8 18 18 23 12 40	8 16 33 23 19 37		MAY .	20 3 50	19 19 5
	MAY .	{ 23 12 40 22 1 24	23 19 37 22 9 9		JUNE .	18 16 34	18 6 30
	JUNE .	22 1 24	22 9 9		JULY .	18 5 18	17 20 8
	JULY .	21 14 8	21 21 1		AUG. .	{ 16 18 2 31 12 24	16 11 54 31 8 13
	AUG. .	20 2 52	20 7 36		○	{ 31 12 24 15 6 46	31 8 13 15 5 11
	SEPT. .	18 15 36	18 17 35		SEPT. .	15 6 46	15 5 11
	OCT. .	18 4 20	18 3 33		OCT. .	14 19 30	14 22 55
	○	{ 1 22 42 16 17 4	1 19 53 16 14 7		NOV. .	13 8 14	13 15 57
	NOV. .	{ 16 17 4 16 5 43	16 14 7 16 1 13		DEC. .	12 20 58	13 7 24
	DEC. .	16 5 43	16 1 13				
199.	JAN. .	14 13 33	14 12 59	202.	JAN. .	11 9 43	11 20 45
G. 22 2 37	FEB. .	13 7 17	13 1 28	C.	FEB. .	{ 9 22 27 21 16 49	10 7 52 24 16 42
	MAR. .	14 20 1	14 14 53	21 20 3	○	{ 21 16 49 11 11 11	24 16 42 11 17 6
	APRIL .	{ 13 8 45 23 3 7	13 5 16 23 9 50		MAR. .	11 11 11	11 17 6
	○	{ 23 3 7 12 21 29	23 9 50 12 20 25		APRIL .	9 23 55	10 1 1
	MAY .	{ 12 21 29 11 10 13	12 20 25 11 11 49		MAY .	9 12 39	9 8 27
	JUNE .	11 10 13	11 11 49		JUNE .	8 1 23	7 16 27
	JULY .	10 22 57	11 2 51		JULY .	7 14 7	7 2 5
	AUG. .	9 11 41	9 16 59		AUG. .	{ 6 2 51 20 21 13	5 14 14 21 0 12
	SEPT. .	8 0 25	8 6 3		○	{ 20 21 13 4 15 35	21 0 12 4 5 13
	OCT. .	{ 7 13 9 22 7 31	7 18 13 21 20 26		SEPT. .	4 15 35	4 5 13
	○	{ 22 7 31 6 1 53	21 20 26 6 5 44		OCT. .	4 4 19	3 22 42
	NOV. .	{ 6 1 53 5 14 37	6 5 44 5 16 52		NOV. .	2 17 3	2 17 38
	DEC. .	5 14 37	5 16 52		DEC. .	{ 2 5 47 31 18 31	2 12 29 ...

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 203. B. March. <i>d. h. m.</i> 22 1 52	JAN. . O FEB. . MAR. . APRIL MAY . JUNE . JULY . O AUG. . SEPT. . OCT. . NOV. . DEC. .	<i>d. h. m.</i> { ... { 30 7 16 { 14 1 33 { 28 20 0 30 8 44 28 21 28 28 10 12 26 22 56 26 11 40 { 10 6 2 { 25 0 24 23 13 8 23 1 52 21 14 36 21 3 20	<i>d. h. m.</i> 1 5 46 30 20 34 13 19 8 { 1 8 28 30 17 51 29 1 23 28 8 13 26 15 15 25 23 39 10 12 5 24 10 26 23 0 15 22 17 2 21 12 0 21 7 36	A.D. 206. E. March. <i>d. h. m.</i> 21 19 18	JAN. . FEB. . MAR. . APRIL MAY . O JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . O DEC. .	<i>d. h. m.</i> 26 22 26 25 11 10 26 23 54 25 12 33 25 1 22 { 8 19 44 23 14 6 23 2 50 21 15 34 20 4 18 19 17 2 18 5 46 { 3 0 8 { 17 18 30	<i>d. h. m.</i> 26 20 18 25 14 13 27 7 20 25 22 40 25 11 40 8 9 46 23 22 27 23 7 40 21 16 15 20 1 5 19 10 49 17 21 51 3 8 47 17 10 21
204. A.G. 21 7 41	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . O	19 16 5 18 4 49 18 17 32 17 6 16 16 19 0 15 7 44 14 20 28 13 9 12 11 21 56 11 10 40 9 23 24 { 9 12 8 { 24 6 30	20 2 9 18 18 17 19 7 20 17 17 29 17 1 26 15 8 15 14 15 5 12 22 57 11 8 51 10 21 25 9 12 54 9 6 47 24 11 8	207. D. 22 1 7	JAN. . FEB. . MAR. . APRIL MAY . O JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	16 7 14 14 19 58 16 8 42 14 21 26 { 14 10 10 { 29 4 32 12 22 54 12 11 38 11 0 22 9 13 6 9 1 50 7 14 34 7 3 18	16 0 16 14 15 27 16 7 30 14 23 46 14 15 28 8 23 53 13 5 55 12 18 46 11 6 10 9 16 39 9 2 52 7 13 15 7 0 4
205. F. 21 13 30	JAN. . FEB. . MAR. . APRIL MAY . JUNE . O JULY . AUG. . SEPT. . OCT. . NOV. . O DEC. .	8 0 53 6 13 37 8 2 21 6 15 5 6 3 49 { 4 16 33 { 19 10 55 4 5 17 2 18 1 { 1 6 45 { 30 19 29 30 8 13 28 20 57 { 13 15 19 { 28 9 41	8 1 56 6 20 44 8 13 46 7 4 4 6 15 30 5 0 34 19 2 30 4 8 13 { 2 15 44 { 31 23 36 30 9 9 29 20 45 28 10 43 14 1 1 28 2 46	208. C.B. 21 6 56	JAN. . FEB. . MAR. . APRIL O MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	5 16 3 4 4 47 4 17 31 { 3 6 15 { 18 0 37 2 18 59 { 1 7 43 { 30 20 27 30 9 11 28 21 55 27 10 39 26 23 23 25 12 7 25 0 51	5 11 24 3 23 17 4 11 54 3 1 29 18 9 49 2 16 6 1 7 21 30 22 42 30 13 30 29 3 24 27 16 17 27 4 21 25 15 49 25 2 46

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 209. A. March. d. h. m. 21 12 45		d. h. m.	d. h. m.	A.D. 212. E.D. March. d. h. m. 21 6 11		d. h. m.	d. h. m.
	JAN. .	23 18 35	23 13 14		JAN. .	21 4 46	21 17 38
	FEB. .	22 2 19	21 23 25		○	{ 4 23 8	4 17 1
	MAR. .	23 15 3	23 9 44		FEB. .	{ 19 17 30	20 6 56
	○	{ 7 9 25	7 22 45		MAR. .	20 6 13	20 17 23
	APRIL	{ 22 3 47	21 20 48		APRIL	18 18 57	19 1 38
	MAY .	21 16 31	21 9 15		MAY .	18 7 41	18 8 36
	JUNE .	20 5 15	19 23 18		JUNE .	16 20 25	16 15 19
	JULY .	19 17 59	19 14 46		JULY .	{ 16 9 9	15 22 55
	AUG. .	18 6 43	18 7 0		○	{ 31 3 31	31 9 21
	SEPT. .	16 19 27	16 23 13		AUG. .	14 21 53	14 8 28
	○	{ 1 13 49	1 1 37		SEPT. .	13 10 37	12 20 48
	OCT. .	{ 16 8 11	16 14 42		OCT. .	12 23 21	12 12 18
	NOV. .	14 20 55	15 4 58		NOV. .	11 12 5	11 6 17
	DEC. .	14 9 39	14 17 49		DEC. .	11 0 49	11 1 48
210. G. 21 18 34	JAN. .	12 22 24	13 5 14	213. C. 21 12 0	JAN. .	{ 9 13 34	9 21 4
	FEB. .	11 11 8	11 15 14		○	{ 24 7 56	24 5 8
	MAR. .	{ 12 23 52	13 0 12		FEB. .	8 2 18	8 14 28
	○	{ 27 18 14	28 4 28		MAR. .	9 15 2	10 5 1
	APRIL	11 12 36	11 8 44		APRIL	8 3 46	8 16 29
	MAY .	11 1 20	10 17 41		MAY .	7 16 39	8 1 22
	JUNE .	9 14 4	9 4 0		JUNE .	6 5 14	6 8 38
	JULY .	9 2 48	8 16 24		JULY .	{ 5 17 58	5 15 23
	AUG. .	7 15 32	7 7 13		○	{ 20 12 20	20 12 21
	SEPT. .	{ 6 4 16	6 0 0		AUG. .	4 6 42	3 22 41
	○	{ 20 22 38	20 16 37		SEPT. .	2 19 26	2 7 35
	OCT. .	5 17 0	5 17 51		OCT. .	{ 2 8 10	1 18 51
	NOV. .	4 5 44	4 11 38		FEB. .	{ 31 20 54	31 8 57
	DEC. .	3 18 28	4 4 8		NOV. .	30 9 38	30 1 41
					DEC. .	29 22 22	29 20 17
211. F. 22 0 23	JAN. .	{ 2 7 13	2 18 39	214. B. 21 17 49	○	{ 13 16 44	13 20 58
		{ 31 19 57	...		JAN. .	{ 28 11 6	28 15 17
	FEB. .	...	1 6 49		FEB. .	26 23 50	27 9 18
	MAR. .	{ 2 8 41	2 16 49		MAR. .	28 12 35	29 0 58
		{ 31 21 25	{ 1 1 7		APRIL	27 1 19	27 18 42
	APRIL	30 10 9	{ 30 8 30		MAY .	26 14 3	26 23 53
	MAY .	29 22 53	29 15 58		JUNE .	25 2 47	25 8 12
	JUNE .	28 11 37	28 0 35		○	{ 9 21 9	9 12 58
	JULY .	28 0 21	27 11 22		JULY .	{ 24 15 31	24 15 41
	AUG. .	26 13 5	26 0 59		AUG. .	23 4 15	22 23 26
	SEPT. .	25 1 49	24 17 26		SEPT. .	21 16 59	21 8 19
	OCT. .	24 14 33	24 11 58		OCT. .	21 5 48	20 18 56
	NOV. .	23 3 17	23 7 10		NOV. .	19 18 27	19 7 44
	DEC. .	22 16 1	23 1 30		DEC. .	19 7 11	18 22 41

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 215. A. March. d. h. m. 21 23 38		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 218. D. March. d. h. m. 21 17 4		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17 19 55	17 15 23		JAN. .	14 11 5	14 12 27
	FEB. .	16 8 39	16 9 0		FEB. .	12 23 49	12 22 33
	MAR. .	17 21 23	18 2 27		MAR. .	14 12 33	14 8 28
	APRIL	16 10 7	16 18 39		APRIL	13 1 17	12 18 48
	MAY .	15 22 51	16 8 50		MAY .	12 14 1	12 6 16
	JUNE .	14 11 35	14 20 46		JUNE .	11 2 45	10 19 22
	JULY .	14 0 19	14 6 50		JULY .	10 15 29	10 10 10
	AUG. .	12 13 3	12 15 51		AUG. .	9 4 13	9 2 15
	SEPT. .	11 1 47	11 0 41		SEPT. .	7 16 57	7 18 48
	OCT. .	10 14 31	10 10 5		OCT. .	7 5 41	7 11 2
	NOV. .	9 3 15	8 20 34		NOV. .	5 18 25	6 2 13
	DEC. .	8 15 59	8 8 19		DEC. .	5 7 9	5 15 58
216. G.F. 21 5 27	JAN. .	7 4 44	6 21 23	219. C. 21 22 53	JAN. .	3 19 54	4 4 8
	FEB. .	5 17 28	5 11 43		FEB. .	2 8 38	2 14 42
	MAR. .	6 6 12	6 3 5		MAR. .	3 21 22	3 23 57
	APRIL	4 18 56	4 19 5		APRIL	2 10 6	2 8 22
	MAY .	{ 4 7 40	4 11 1		MAY .	{ 1 22 50	1 16 47
	○	{ 19 2 2	19 0 7		○	{ 31 11 34	31 2 8
	JUNE .	2 20 24	3 2 9		JUNE .	30 0 18	29 13 20
	JULY .	{ 2 9 8	2 15 57		JULY .	29 13 2	29 2 57
	○	{ 81 21 52	{ 1 4 16		○	{ 23 1 46	27 18 55
	AUG. .	30 10 36	30 15 24		AUG. .	11 20 8	11 16 14
	SEPT. .	28 23 20	29 1 56		○	{ 26 14 30	26 12 36
	OCT. .	28 12 4	28 12 24		SEPT. .	26 3 14	26 6 48
	○	{ 12 6 26	12 3 51		OCT. .	24 15 58	25 0 15
	NOV. .	{ 27 0 48	26 23 5		NOV. .	24 4 42	24 15 56
	DEC. .	26 13 32	26 10 7		DEC. .		
217. E. 21 11 16	JAN. .	25 2 17	24 21 31	220. B.A. 21 4 42	JAN. .	22 17 27	23 5 17
	FEB. .	23 15 1	23 9 27		FEB. .	21 6 11	21 16 13
	MAR. .	25 3 45	24 22 15		○	{ 7 0 33	7 0 0
	APRIL	23 16 29	23 12 5		MAR. .	{ 21 18 55	22 1 7
	○	{ 8 10 51	8 17 22		APRIL	20 7 39	20 8 42
	MAY .	{ 23 5 13	23 2 54		MAY .	19 20 23	19 15 52
	JUNE .	21 17 57	21 18 16		JUNE .	18 9 7	17 23 41
	JULY .	21 6 41	21 9 34		JULY .	17 21 51	17 9 15
	AUG. .	19 19 25	20 0 12		AUG. .	{ 16 10 35	15 21 27
	SEPT. .	18 8 9	18 13 54		○	{ 31 4 57	31 8 8
	OCT. .	17 20 53	18 2 38		SEPT. .	14 23 19	14 12 37
	○	{ 1 15 15	1 4 31		OCT. .	14 12 3	14 6 21
	NOV. .	{ 16 9 37	16 14 34		NOV. .	13 0 47	13 1 32
	DEC. .	15 22 21	16 1 50		DEC. .	12 13 31	12 20 35

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Rel.)	True New Moon. (O Full Rel.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Rel.)	True New Moon. (O Full Rel.)
A.D. 221. G. March. d. h. m. 21 10 31		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 224. D. March. d. h. m. 21 3 57		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	11 2 15	11 13 59		JAN. .	9 17 25	9 10 57
	FEB. .	9 14 59	10 4 41		FEB. .	7 6 9	7 3 58
	O	24 9 21	24 3 47		MAR. .	7 18 53	7 21 25
	MAR. .	11 3 43	11 16 25		APRIL .	6 7 37	6 14 12
	APRIL .	9 16 27	10 1 35		MAY .	5 20 21	6 5 24
	MAY .	9 5 11	9 8 59		JUNE .	4 9 5	4 18 29
	JUNE .	7 17 55	7 15 39		JULY .	3 21 49	3 16 51
	JULY .	7 6 39	6 22 40		AUG. .	2 10 33	2 15 12
	AUG. .	5 19 23	5 7 10		SEPT. .	1 23 17	1 6 15
	O	20 13 45	20 19 28		OCT. .	30 12 1	30 9 31
	SEPT. .	4 8 7	3 18 5		NOV. .	30 0 45	29 19 35
	OCT. .	3 20 51	3 8 4		DEC. .	29 13 29	29 6 43
	NOV. .	2 9 33	2 0 57			18 7 51	18 17 2
	DEC. .	1 22 19	1 19 57			28 2 13	27 19 1
		81 11 3	81 15 30				
222. F. 21 16 20	JAN. .	29 23 48	30 9 58	225. H. 21 9 46	JAN. .	26 14 54	26 8 30
	FEB. .	28 12 32	...		FEB. .	25 3 42	24 23 6
	MAR. .	...	1 1 58		MAR. .	24 16 26	24 14 34
		80 1 16	80 14 52		APRIL .	23 5 10	23 6 25
	APRIL .	23 14 0	29 0 54		MAY .	24 17 54	24 21 50
	MAY .	23 2 44	23 8 50		JUNE .	8 12 16	8 7 16
	JUNE .	23 15 28	23 15 45		JULY .	23 0 34	23 12 33
	JULY .	23 4 12	23 22 44		AUG. .	22 10 22	23 1 48
	AUG. .	24 16 58	24 0 50		SEPT. .	21 8 6	21 13 45
	SEPT. .	23 5 40	22 16 57		OCT. .	19 30 50	20 0 48
	OCT. .	22 18 24	22 5 41		NOV. .	19 9 34	19 11 20
	NOV. .	21 7 8	20 21 9		DEC. .	17 22 18	17 22 11
	DEC. .	20 19 52	20 14 52			17 11 2	17 9 2
	O	4 14 14	4 20 1	226. A. 21 15 35	JAN. .	15 23 46	15 30 5
223. E. 21 22 9	JAN. .	19 8 38	19 9 41		FEB. .	14 12 30	14 7 30
	FEB. .	17 21 20	18 4 11		MAR. .	16 1 14	15 19 31
	MAR. .	19 10 4	19 20 59		APRIL .	14 13 54	14 9 31
	APRIL .	17 22 48	18 11 10		MAY .	14 2 42	13 24 40
	MAY .	17 11 32	17 22 37		JUNE .	12 15 26	12 13 45
	JUNE .	16 0 16	16 7 40		JULY .	12 4 10	12 5 15
	O	80 18 34	80 9 10		AUG. .	10 16 54	10 30 29
	JULY .	15 18 0	15 15 43		SEPT. .	9 5 34	9 10 59
	AUG. .	14 1 44	13 23 23		OCT. .	8 18 22	9 0 29
	SEPT. .	12 14 28	12 7 47		NOV. .	7 7 6	7 13 2
	OCT. .	12 3 12	11 17 38		DEC. .	6 19 50	7 0 44
	NOV. .	10 15 56	10 5 22				
	DEC. .	10 4 40	9 19 12				
	O	24 23 2	23 9 41				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 227. G. March. d. h. m. 21 21 24		d. h. m.	d. h. m.	A.D. 230. C. March. d. h. m. 21 14 50		d. h. m.	d. h. m.
	JAN. .	5 8 35	5 11 40		JAN. .	{ 1 23 45 31 12 29	2 9 38 ...
	FEB. .	3 21 19	3 21 51		FEB. .	...	1 1 45
	MAR. .	5 10 3	5 7 33		O	15 6 51	15 1 4
	APRIL {	3 22 47	3 17 19		MAR. .	{ 2 1 13 31 13 57	2 14 53 ...
	O	18 17 9	19 6 1		APRIL	30 2 41	{ 1 1 7 30 9 13
	MAY .	3 11 31	3 3 53		MAY .	29 15 25	29 16 3
	JUNE .	2 0 15	1 15 57		JUNE .	28 4 9	27 22 46
	JULY .	{ 1 13 0 31 1 44	1 5 53 30 21 28		JULY .	27 16 53	27 6 27
	AUG. .	29 14 28	29 14 5		O	{ 11 11 15 26 5 37	11 16 32 25 16 7
	SEPT. .	28 3 12	28 6 51		AUG. .	24 18 21	24 4 47
	O	{ 12 21 34 27 15 56	12 10 2 27 22 54		SEPT. .	24 7 5	23 20 10
	OCT. .	26 4 40	26 13 37		OCT. .	22 19 49	22 14 17
	NOV. .	25 17 24	26 2 39		NOV. .	22 8 33	22 9 44
	DEC. .				DEC. .		
228. F.E. 21 3 13	JAN. .	24 6 8	24 13 57	231. B. 21 20 39	JAN. .	20 21 18	21 4 52
	FEB. .	22 18 52	22 23 38		O	{ 4 15 40 19 10 2	4 13 43 19 22 9
	MAR. .	23 7 36	23 8 11		MAR. .	20 22 46	21 12 32
	O	{ 7 1 58 21 20 20	7 11 25 21 16 17		APRIL	19 11 30	19 23 53
	APRIL	21 9 4	21 0 52		MAY .	19 0 14	19 8 45
	MAY .	19 21 48	19 10 55		JUNE .	17 12 58	17 16 3
	JUNE .	19 10 32	18 23 16		JULY .	{ 17 1 42 31 20 4	16 22 56 31 19 4
	JULY .	17 23 16	17 14 11		O	15 14 26	15 6 30
	AUG. .	16 12 0	16 7 16		AUG. .	14 3 10	13 15 39
	SEPT. .	{ 1 6 22 16 0 44	1 1 4 16 1 33		SEPT. .	13 15 54	13 3 7
	O	14 13 28	14 19 45		OCT. .	12 4 38	11 17 16
	OCT. .	14 2 12	14 12 35		NOV. .	11 17 22	11 9 54
	NOV. .				DEC. .		
	DEC. .						
229. D. 21 9 2	JAN. .	12 14 56	13 3 8	232. A.G. 21 2 28	JAN. .	{ 10 6 6 25 0 27	10 4 10 25 5 36
	FEB. .	11 3 40	11 15 12		O	8 18 50	8 22 51
	MAR. .	12 16 24	13 0 54		FEB. .	9 7 34	9 16 29
	APRIL	11 5 8	11 8 54		MAR. .	7 20 18	8 7 58
	MAY .	10 17 52	10 16 0		APRIL	7 9 2	7 20 48
	JUNE .	9 6 36	8 23 16		MAY .	5 21 46	6 7 1
	JULY .	8 19 20	8 7 47		JUNE .	{ 5 10 30 20 4 52	5 15 33 19 19 41
	AUG. .	7 8 4	6 18 36		O	3 23 14	3 28 28
	SEPT. .	5 20 48	5 8 21		AUG. .	2 11 58	2 7 30
	OCT. .	5 9 32	5 1 0		SEPT. .	{ 2 0 42 31 18 26	1 16 43 31 3 35
	NOV. .	3 22 16	3 19 46		OCT. .	30 2 10	29 16 21
	DEC. .	3 11 0	3 15 11		NOV. .	29 14 54	29 7 2
					DEC. .		

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 233.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 236.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				C.B.			
March.	JAN. .	28 3 39	27 23 17	March.	JAN. .	25 18 49	25 21 11
<i>d. h. m.</i>	FEB. .	26 16 23	26 16 23	<i>d. h. m.</i>	FEB. .	24 7 33	24 6 52
21 8 17	MAR. .	28 5 7	28 9 25	21 1 43	MAR. .	24 20 17	24 16 17
	APRIL	26 17 51	27 1 23		APRIL	23 9 1	23 2 6
	MAY .	26 6 35	26 15 34		○	8 3 23	8 14 56
	JUNE .	24 19 19	25 3 44		MAY .	22 21 45	22 13 8
	JULY .	24 8 3	24 14 12		JUNE .	21 10 29	21 1 59
	AUG. .	22 20 47	22 23 40		JULY .	20 23 13	20 16 39
	SEPT. .	21 9 31	21 8 59		AUG. .	19 11 57	19 9 10
	OCT. .	20 22 15	20 18 48		SEPT. .	18 0 41	18 2 12
	NOV. .	19 10 59	19 5 28		OCT. .	17 13 25	17 18 59
	DEC. .	18 23 43	18 17 7		NOV. .	16 2 9	16 10 40
					DEC. .	15 14 53	16 0 42
234.	JAN. .	17 12 28	17 5 51				
E.	FEB. .	16 1 12	15 19 36	237.	JAN. .	14 3 37	14 12 50
21 14 6	MAR. .	17 13 56	17 10 23	A.	FEB. .	12 16 21	12 23 11
	APRIL	16 2 40	16 1 52	21 7 32	MAR. .	14 5 5	14 8 3
	MAY .	15 15 24	15 17 31		APRIL	12 17 49	12 16 5
	○	30 9 46	30 7 35		MAY .	12 6 33	12 0 7
	JUNE .	14 4 8	14 8 41		JUNE .	10 19 17	10 9 11
	JULY .	13 16 52	13 22 46		JULY .	10 8 1	9 20 13
	AUG. .	12 5 36	12 11 35		AUG. .	8 20 45	8 9 53
	SEPT. .	10 18 20	10 23 19		SEPT. .	7 9 29	7 2 5
	OCT. .	10 7 4	10 10 23		○	22 3 51	22 0 34
	NOV. .	8 19 48	8 21 15		OCT. .	6 22 13	6 20 6
	○	23 14 10	23 11 47		NOV. .	5 10 57	5 14 43
	DEC. .	8 8 32	8 8 5		DEC. .	4 23 41	5 8 32
235.	JAN. .	6 21 16	6 18 58	238.	JAN. .	3 12 26	4 0 24
D.	FEB. .	5 10 0	5 5 56	G.	FEB. .	2 1 10	2 13 41
21 19 55	MAR. .	6 22 44	6 17 19	21 13 21	MAR. .	3 13 54	4 0 23
	APRIL	5 11 28	5 5 30		○	18 8 16	18 7 7
	MAY .	5 0 12	4 18 50		APRIL	2 2 33	2 8 59
	○	19 18 34	20 0 48		MAY .	1 15 22	1 16 17
	JUNE .	3 12 56	3 9 22		○	31 4 6	30 23 15
	JULY .	3 1 40	3 0 45		JUNE .	29 16 50	29 6 57
	○	1 14 24	1 16 22		JULY .	29 5 34	28 16 30
	AUG. .	31 3 8	31 7 31		AUG. .	27 18 13	27 4 47
	SEPT. .	29 15 52	29 21 50		○	11 12 40	11 16 10
	OCT. .	29 4 36	29 11 9		SEPT. .	26 7 2	25 20 7
	○	12 22 58	12 12 39		OCT. .	25 19 46	25 14 5
	NOV. .	27 17 20	27 23 25		NOV. .	24 8 30	24 9 23
	DEC. .	27 6 4	27 10 46		DEC. .	23 21 14	24 4 39

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 239.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 242.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				B.			
March.	JAN. .	22 9 59	22 22 5	March.	JAN. .	{ 4 6 47	4 18 18
<i>d. h. m.</i>	FEB. .	20 22 43	21 12 41	<i>d. h. m.</i>	FEB. .	{ 19 1 9	18 19 8
21 19 10	○	{ 7 17 5	7 11 29	21 12 36	MAR. .	17 13 53	17 11 33
	MAR. .	{ 22 11 27	23 0 14		MAR. .	19 2 37	19 4 29
	APRIL	21 0 11	21 9 13		APRIL	17 15 21	17 20 56
	MAY .	20 12 55	20 16 28		MAY .	17 4 5	17 12 2
	JUNE .	19 1 39	18 23 6		JUNE .	{ 15 16 49	16 1 18
	JULY .	18 14 23	18 6 11		○	{ 30 11 11	30 0 0
	AUG. .	{ 17 3 7	16 14 50		JULY .	15 5 33	15 12 44
	○	{ 81 21 29	{ 1 2 58		AUG. .	13 18 17	13 22 51
	SEPT. .	15 15 51	15 1 55		SEPT. .	12 7 1	12 8 24
	OCT. .	15 4 35	14 16 1		OCT. .	11 19 45	11 18 7
	NOV. .	13 17 19	13 8 59		NOV. .	10 8 29	10 4 27
	DEC. .	13 6 3	13 3 56		DEC. .	{ 9 21 13	9 15 37
					○	{ 24 15 35	25 1 15
240.	JAN. .	11 18 47	11 23 23	243.	JAN. .	8 9 57	8 3 39
E.D.	FEB. .	10 7 31	10 17 39	A.	FEB. .	6 22 41	6 16 38
21 0 58	MAR. .	10 20 15	11 9 27	21 18 25	MAR. .	8 11 25	8 6 36
	APRIL	9 8 59	9 22 14		APRIL	7 0 9	6 21 30
	MAY .	8 21 43	9 8 13		MAY .	6 12 53	6 12 58
	JUNE .	7 10 27	7 16 12		JUNE .	{ 5 1 37	5 4 25
	JULY .	6 23 11	6 23 14		○	{ 19 19 59	19 14 40
	AUG. .	5 11 55	5 6 28		JULY .	4 14 21	4 19 13
	SEPT. .	4 0 39	3 14 51		AUG. .	3 3 5	3 8 53
	OCT. .	3 13 23	3 1 12		SEPT. .	1 15 49	1 21 24
	NOV. .	2 2 7	1 14 3		○	{ 1 4 33	1 9 2
	DEC. .	{ 1 14 51	1 5 27		OCT. .	{ 30 17 17	30 20 12
		{ 31 3 35	30 22 55		NOV. .	29 6 1	29 7 8
241.	○	{ 14 21 57	15 4 48	244.	JAN. .	27 7 29	27 4 42
C.	JAN. .	{ 29 16 19	29 17 23	G.F.	FEB. .	25 20 13	25 15 35
21 6 47	FEB. .	23 5 4	23 11 31	21 0 14	MAR. .	26 8 53	26 3 1
	MAR. .	29 17 43	30 4 3		APRIL	24 21 42	24 15 28
	APRIL	23 6 32	23 19 9		MAY .	24 10 26	24 5 15
	MAY .	27 19 16	23 5 40		JUNE .	22 23 10	22 20 13
	JUNE .	26 8 0	26 15 5		JULY .	22 11 54	22 11 55
	○	{ 11 2 22	10 15 56		AUG. .	21 0 33	21 3 36
	JULY .	{ 25 20 44	25 23 13		SEPT. .	19 13 22	19 13 40
	AUG. .	24 9 23	24 7 22		OCT. .	19 2 6	19 8 47
	SEPT. .	22 22 12	22 16 8		NOV. .	17 14 50	17 21 47
	OCT. .	22 10 56	22 2 15		DEC. .	17 3 34	17 9 40
	NOV. .	20 23 40	20 14 5				
	DEC. .	20 12 24	20 3 44				

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 245. E. March. d. h. m. 21 6 3	JAN. .	d. h. m. 15 16 19	d. h. m. 15 20 28	A.D. 248. B.A. March. d. h. m. 20 23 29	JAN. .	d. h. m. 13 7 29	d. h. m. 13 17 41
	FEB. .	14 5 3	14 6 20		FEB. .	{ 11 20 13	12 9 43
	MAR. .	15 17 47	15 15 34		○	{ 26 14 35	26 9 1
	APRIL	{ 14 6 31	14 0 50		MAR. .	12 8 57	12 22 42
	○	{ 29 0 53	29 13 10		APRIL	10 21 41	11 8 48
	MAY .	13 19 15	13 10 56		MAY .	10 10 25	10 16 43
	JUNE .	12 7 59	11 22 41		JUNE .	8 23 9	8 23 31
	JULY .	11 20 43	11 12 31		JULY .	8 11 53	8 6 16
	AUG. .	10 9 27	10 4 15		AUG. .	7 0 37	6 14 5
	SEPT. .	8 22 11	8 21 16		SEPT. .	5 13 21	4 23 58
	OCT. .	{ 8 10 55	8 14 33		OCT. .	5 2 5	4 12 36
	○	{ 23 5 17	22 18 34		NOV. .	3 14 49	3 4 14
	NOV. .	6 23 39	7 7 8		DEC. .	3 8 33	2 22 19
	DEC. .	6 12 23	6 22 13				
246. D. 21 11 51	JAN. .	5 1 7	5 11 21	249. G. 21 5 18	JAN. .	{ 1 16 17	1 17 39
	FEB. .	3 13 51	3 22 30		FEB. ○	{ 31 5 1	31 12 35
	MAR. .	5 2 35	5 7 53		MAR. .	{ 1 17 45	2 5 39
	APRIL	{ 3 15 19	3 16 2		○	{ 31 6 29	31 19 53
	○	{ 18 9 41	18 18 13		APRIL	29 19 13	30 7 11
	MAY .	3 4 3	2 23 46		MAY .	29 7 57	29 16 3
	JUNE .	1 16 47	{ 1 8 3		JUNE .	27 20 41	27 23 29
	JULY .	{ 1 5 31	{ 30 17 55		JULY .	27 9 25	27 6 38
	○	{ 30 18 15	30 6 13		○	{ 11 3 47	11 1 51
	AUG. .	29 6 59	28 21 15		AUG. .	{ 25 22 9	25 14 23
	SEPT. .	27 19 43	27 14 39		SEPT. .	24 10 53	23 23 53
	○	{ 12 14 5	12 9 40		OCT. .	23 23 37	23 11 32
	OCT. .	{ 27 8 27	27 9 20		NOV. .	22 12 21	22 1 40
	NOV. .	25 21 11	26 3 53		DEC. .	22 1 5	21 18 4
	DEC. .	25 9 55	25 20 56				
247. G. 21 17 40	JAN. .	23 22 40	24 11 33	250. F. 21 11 7	JAN. .	20 13 50	20 12 1
	FEB. .	22 11 24	22 23 26		○	{ 4 8 12	4 14 14
	MAR. .	24 0 8	24 8 52		FEB. .	{ 19 2 34	19 6 17
	APRIL	22 12 52	22 16 35		MAR. .	20 15 18	20 23 35
	MAY .	22 1 36	21 23 29		APRIL	19 4 2	19 14 53
	JUNE .	20 14 20	20 6 36		MAY .	18 16 46	19 3 41
	JULY .	20 3 4	19 15 6		JUNE .	17 5 30	17 14 9
	AUG. .	18 15 43	18 1 59		JULY .	{ 16 18 14	16 23 0
	SEPT. .	17 4 32	16 15 52		○	{ 31 12 36	31 2 31
	OCT. .	16 17 16	16 8 42		AUG. .	15 6 53	15 7 13
	NOV. .	15 6 0	15 3 39		SEPT. .	13 19 42	13 15 44
	DEC. .	14 18 44	14 23 13		OCT. .	13 8 26	13 1 13
					NOV. .	11 21 10	11 12 20
					DEC. .	11 9 54	11 1 1

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 251. E. March. d. h. m. 21 16 56	JAN. .	d. h. m. 9 22 38	d. h. m. 9 15 21	A.D. 254. A. March. d. h. m. 21 10 22	JAN. .	d. h. m. 6 13 48	d. h. m. 6 19 37
	FEB. .	8 11 22	8 7 4		FEB. .	5 2 32	5 5 48
	MAR. .	10 0 6	9 23 37		MAR. .	6 15 16	6 15 4
	APRIL .	8 12 50	8 16 12		APRIL .	5 4 0	4 23 58
	MAY .	8 1 34	8 7 59		MAY .	4 16 44	4 9 19
	JUNE .	6 14 18	6 22 15		O	19 11 6	19 22 2
	JULY .	6 3 2	6 10 42		JUNE .	3 5 28	2 19 59
	AUG. .	4 15 46	4 21 37		JULY .	2 18 12	2 8 40
	SEPT. .	3 4 30	3 7 36		AUG. .	1 6 56	31 23 33
	OCT. .	2 17 14	2 17 25		SEPT. .	30 19 40	30 16 11
	NOV. .	1 5 58	1 3 35		OCT. .	29 8 24	29 9 42
	DEC. .	30 18 42	30 14 22		NOV. .	28 21 8	29 3 1
		30 7 26	30 1 54		O	12 15 30	12 5 2
					NOV. .	27 9 52	27 19 7
					DEC. .	26 22 36	27 9 21
252. D.C. 20 22 41	JAN. .	28 20 11	28 14 11	255. G. 21 16 11	JAN. .	25 11 21	25 21 23
	FEB. .	27 8 55	27 3 23		FEB. .	24 0 5	24 7 33
	MAR. .	27 21 39	27 17 31		MAR. .	25 12 49	25 16 3
	APRIL .	26 10 23	26 8 31		APRIL .	24 1 33	23 23 43
	MAY .	25 23 7	25 23 58		MAY .	23 14 17	23 7 25
	O	9 17 29	9 14 58		JUNE .	22 3 1	21 16 15
	JUNE .	24 11 51	24 15 13		JULY .	21 15 45	21 3 14
	JULY .	24 0 35	24 5 40		AUG. .	20 4 29	19 16 58
	AUG. .	22 13 19	22 19 0		SEPT. .	18 17 13	18 9 24
	SEPT. .	21 2 3	21 7 20		O	3 11 33	3 9 4
	OCT. .	20 14 47	20 18 57		OCT. .	18 5 57	18 3 44
	NOV. .	19 3 31	19 5 59		NOV. .	16 18 41	16 22 44
	O	3 21 53	3 19 46		DEC. .	16 7 25	16 16 48
	DEC. .	18 16 15	18 17 2				
253. B. 21 4 33	JAN. .	17 5 0	17 3 43	256. F.E. 20 22 0	JAN. .	14 20 10	15 8 45
	FEB. .	15 17 44	15 14 16		FEB. .	13 8 54	13 21 56
	MAR. .	17 6 28	17 1 4		MAR. .	13 21 33	14 8 25
	APRIL .	15 19 12	15 12 40		O	23 16 0	28 14 9
	MAY .	15 7 56	15 1 32		APRIL .	12 10 22	12 16 46
	O	30 2 18	30 8 11		MAY .	11 23 6	11 23 50
	JUNE .	13 20 40	13 15 51		JUNE .	10 11 50	10 6 37
	JULY .	13 9 24	13 7 19		JULY .	10 0 34	9 14 18
	AUG. .	11 22 8	11 23 16		AUG. .	8 13 18	7 23 55
	SEPT. .	10 10 52	10 14 59		SEPT. .	7 2 2	6 12 19
	OCT. .	9 23 36	10 5 55		O	21 20 24	22 0 21
	NOV. .	8 12 20	8 19 43		OCT. .	6 14 46	6 3 49
	O	23 6 42	22 20 54		NOV. .	5 3 30	4 21 56
	DEC. .	8 1 4	8 8 17		DEC. .	4 16 14	4 17 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 257. D. March. d. h. m. 21 3 49		d. h. m.	d. h. m.	A.D. 260. A.G. March. d. h. m. 20 21 15		d. h. m.	d. h. m.
	JAN. .	3 4 58	3 12 40		JAN. .	15 14 30	16 2 48
	FEB. .	1 17 42	2 6 0		FEB. .	30 8 52	30 3 5
	MAR. .	3 6 26	3 20 29		MAR. .	28 21 36	28 18 59
	○	18 0 48	17 19 3		MAR. .	29 10 20	29 11 25
	APRIL	1 19 10	2 7 52		APRIL	27 23 4	28 3 33
	MAY .	1 7 54	1 16 42		MAY .	27 11 48	27 18 37
		30 20 38	30 23 53		JUNE .	26 0 32	26 8 6
	JUNE .	29 9 22	29 6 33		○	10 18 54	10 7 12
	JULY .	28 22 6	28 18 48		JULY .	25 13 16	25 19 56
	AUG. .	27 10 50	26 22 37		AUG. .	24 2 0	24 6 34
	○	11 5 12	11 10 34		SEPT. .	22 14 44	22 16 40
	SEPT. .	25 23 34	25 9 55		OCT. .	22 3 28	22 2 48
	OCT. .	25 12 18	25 0 7		NOV. .	20 16 12	20 13 22
	NOV. .	24 1 2	23 17 5		DEC. .	20 4 56	20 0 30
	DEC. .	23 13 46	23 11 55				
258. C. 21 9 37	JAN. .	22 2 31	22 7 8	261. F. 21 3 4	JAN. .	3 23 19	4 9 23
	FEB. .	20 15 15	21 1 10		FEB. .	18 17 41	18 12 14
	MAR. .	22 3 59	22 16 48		MAR. .	17 6 25	17 0 40
	APRIL	20 16 43	21 5 29		MAR. .	18 19 9	18 14 1
	MAY .	20 5 27	20 15 28		APRIL	17 7 53	17 4 22
	JUNE .	18 18 11	18 23 33		MAY .	16 20 37	16 19 30
	JULY .	18 6 55	18 6 49		JUNE .	15 9 21	15 10 53
	AUG. .	16 19 39	16 14 20		○	30 3 43	29 22 7
	SEPT. .	15 8 23	14 23 2		JULY .	14 22 5	15 1 55
	OCT. .	14 21 7	14 9 38		AUG. .	13 10 49	13 16 4
	NOV. .	13 9 51	12 22 32		SEPT. .	11 23 33	12 5 11
	DEC. .	12 22 35	12 13 48		OCT. .	11 12 17	11 17 25
					NOV. .	10 1 1	10 5 0
					DEC. .	9 13 45	9 16 6
259. B. 21 15 26	JAN. .	11 11 20	11 6 55	262. E. 21 8 53	JAN. .	8 2 30	8 2 51
	○	26 5 42	26 13 31		FEB. .	6 15 14	6 13 15
	FEB. .	10 0 4	10 0 57		MAR. .	8 3 58	7 23 36
	MAR. .	11 12 48	11 18 42		APRIL	6 16 42	6 10 26
	APRIL	10 1 32	10 10 59		MAY .	6 5 26	5 22 23
	MAY .	9 14 16	10 1 2		JUNE .	4 18 10	4 11 49
	JUNE .	8 3 0	8 12 41		JULY .	4 6 54	4 2 44
	JULY .	7 15 44	7 22 22		AUG. .	2 19 38	2 18 38
	○	22 10 6	21 22 47		SEPT. .	1 8 22	1 10 48
	AUG. .	6 4 28	6 6 58			30 21 6	1 2 30
	SEPT. .	4 17 12	4 15 27		OCT. .	30 9 50	30 17 10
	OCT. .	4 5 56	4 0 33		NOV. .	28 22 34	29 6 33
	NOV. .	2 18 40	2 10 59		DEC. .	28 11 13	28 18 33
	DEC. .	2 7 24	1 22 50				
		31 20 8	31 12 14				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 263.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 266.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	27 0 2	27 5 11	G.	JAN. .	23 15 12	24 1 36
March.	FEB. .	25 12 46	25 14 41	March.	FEB. .	22 3 56	22 17 31
<i>d. h. m.</i>	MAR. .	27 1 30	26 23 27	<i>d. h. m.</i>	○	{ 8 22 18	8 16 51
21 14 42	APRIL	25 14 14	25 8 14	21 8 8	MAR. .	{ 23 16 40	24 6 21
	○	{ 10 8 36	10 20 11		APRIL	22 5 24	22 16 18
	MAY .	{ 25 2 58	24 17 57		MAY .	21 18 8	22 0 9
	JUNE .	23 15 42	23 5 27		JUNE .	20 6 52	20 6 57
	JULY .	23 4 26	22 19 13		JULY .	19 19 36	19 13 50
	AUG. .	21 17 10	21 11 9		AUG. .	18 8 20	17 21 51
	SEPT. .	20 5 54	20 4 34		SEPT. .	16 21 4	16 7 56
	OCT. .	19 18 38	19 22 22		OCT. .	16 9 48	15 20 44
	○	{ 3 13 0	3 3 12		NOV. .	14 22 32	14 12 24
	NOV. .	{ 18 7 22	18 15 25		DEC. .	14 11 16	14 6 22
	DEC. .	17 20 6	18 6 47				
264.	JAN. .	16 8 51	16 20 0	267.	JAN. .	13 0 1	13 1 29
C.B.	FEB. .	14 21 35	15 6 57	F.	FEB. .	{ 11 12 45	11 20 10
20 20 30	MAR. .	15 10 19	15 16 0	21 13 57	○	{ 26 7 7	26 6 23
	APRIL	{ 13 23 3	13 23 49		MAR. .	13 1 29	13 13 0
	○	{ 23 17 25	29 0 56		APRIL	11 14 13	12 3 6
	MAY .	13 11 47	13 7 11		MAY .	11 2 57	11 14 21
	JUNE .	12 0 31	11 15 13		JUNE .	9 15 41	9 23 20
	JULY .	11 13 15	11 0 59		JULY .	9 4 25	9 6 58
	AUG. .	10 1 59	9 13 19		AUG. .	{ 7 17 9	7 14 23
	SEPT. .	8 14 43	8 4 31		○	{ 22 11 31	22 8 46
	OCT. .	{ 8 3 27	7 22 11		SEPT. .	6 5 53	5 22 33
	○	{ 22 21 49	22 18 22		OCT. .	5 18 37	5 8 17
	NOV. .	6 16 11	6 17 13		NOV. .	4 7 21	3 20 4
	DEC. .	6 4 55	6 12 2		DEC. .	3 20 5	3 10 8
265.	JAN. .	4 17 39	5 5 13	268.	JAN. .	{ 2 8 49	2 2 15
A.	FEB. .	3 6 23	3 19 47	E.D.	FEB. .	{ 31 21 33	31 19 44
21 2 19	MAR. .	4 19 7	5 7 30		○	{ ...	...
	APRIL	3 7 51	3 16 42		MAR. .	{ 15 15 55	15 22 42
	MAY .	2 20 35	3 0 9	20 19 46	○	{ 1 10 17	1 13 34
	JUNE .	{ 1 9 19	1 6 53		APRIL	{ 30 23 1	31 6 31
	JULY .	{ 30 22 3	30 13 59		MAY .	29 11 45	29 21 42
	AUG. .	28 23 31	28 9 30		JUNE .	29 0 29	29 10 34
	SEPT. .	27 12 15	26 23 32		JULY .	27 13 13	27 21 16
	○	{ 12 6 37	12 9 57		○	{ 10 20 19	10 9 27
	OCT. .	{ 27 0 59	26 16 33		AUG. .	{ 25 14 41	25 15 9
	NOV. .	25 13 43	25 11 36		SEPT. .	24 3 25	24 0 7
	DEC. .	25 2 27	25 7 11		OCT. .	23 16 9	23 9 58
					NOV. .	22 4 53	21 21 7
					DEC. .	21 17 37	21 9 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 269. C. March. <i>d. h. m.</i> 21 1 34		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 272. G.F. March. <i>d. h. m.</i> 20 19 1		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	20 6 22	19 23 36		JAN. .	17 21 32	18 4 24
	FEB. .	18 19 6	18 14 46		FEB. .	16 10 16	16 14 17
	MAR. .	20 7 50	20 6 44		MAR. .	16 23 0	16 23 8
	APRIL	18 20 34	18 22 56		APRIL	15 11 44	15 7 34
	MAY .	18 9 18	18 14 32		MAY .	{ 15 0 28	14 16 30
	JUNE .	16 22 2	17 4 54		○	{ 29 18 50	30 5 6
	JULY .	16 10 46	16 17 43		JUNE .	13 13 12	13 2 53
	AUG. .	14 23 30	15 5 9		JULY .	13 1 56	12 15 26
	SEPT. .	13 12 14	13 15 42		AUG. .	11 14 40	11 6 24
	OCT. .	13 0 58	13 1 58		SEPT. .	10 3 24	9 23 21
	NOV. .	11 13 42	11 12 28		OCT. .	9 16 8	9 17 20
	DEC. .	11 2 26	10 23 19		NOV. .	{ 8 4 52	8 11 8
					○	{ 22 23 14	22 13 44
					DEC. .	7 17 36	8 3 36
270. R. 21 7 23	JAN. .	9 15 11	9 10 39	273. E. 21 0 50	JAN. .	6 6 21	6 17 59
	FEB. .	8 3 55	7 22 23		FEB. .	4 19 5	5 5 58
	MAR. .	9 16 39	9 11 2		MAR. .	6 7 49	6 15 47
	APRIL	8 5 23	8 0 36		APRIL	4 20 33	4 23 56
	MAY .	7 18 7	7 15 9		MAY .	4 9 17	4 7 15
	JUNE .	{ 6 6 51	6 6 25		JUNE .	2 22 1	2 14 42
	○	{ 21 1 13	20 22 26		JULY .	{ 2 10 45	1 23 25
	JULY .	5 19 35	5 21 46			{ 31 23 29	31 10 22
	AUG. .	4 8 19	4 12 37		AUG. .	30 12 13	30 0 12
	SEPT. .	2 21 3	3 2 32		SEPT. .	29 0 57	28 16 52
	OCT. .	{ 2 9 47	2 15 29		○	{ 13 19 19	13 17 40
		{ 31 22 31	{ 1 3 36		OCT. .	{ 28 13 41	28 11 31
	NOV. .	30 11 15	{ 30 15 4		NOV. .	27 2 25	27 6 46
	○	{ 15 5 37	15 3 44		DEC. .	26 15 9	27 1 0
	DEC. .	{ 29 23 59	30 1 59				
271. A. 21 13 12	JAN. .	28 12 43	28 12 23	274. D. 21 6 39	JAN. .	25 3 53	25 16 58
	FEB. .	27 1 27	26 22 28		FEB. .	23 16 37	24 6 2
	MAR. .	28 14 11	28 8 42		MAR. .	25 5 21	25 16 18
	APRIL	27 2 55	26 19 45		○	{ 8 23 43	8 21 5
	MAY .	26 15 39	26 8 13		APRIL	{ 23 18 5	24 0 24
	○	{ 10 10 1	10 15 33		MAY .	23 6 49	23 7 18
	JUNE .	{ 25 4 23	24 22 21		JUNE .	21 19 33	21 14 2
	JULY .	24 17 7	24 13 54		JULY .	21 8 17	20 21 44
	AUG. .	23 5 51	23 6 14		AUG. .	19 21 1	19 7 27
	SEPT. .	21 18 35	21 22 32		SEPT. .	18 9 45	17 20 1
	OCT. .	21 7 19	21 14 3		○	{ 3 4 7	3 8 37
	NOV. .	19 20 3	20 4 19		OCT. .	{ 17 22 29	17 11 39
	○	{ 4 14 25	4 5 12		NOV. .	16 11 13	16 5 53
	DEC. .	{ 19 8 47	19 17 7		DEC. .	15 23 57	16 1 25

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 275. c. March. d. h. m. 21 12 27		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 278. F. March. d. h. m. 21 5 54		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	14 12 42	14 20 35		JAN. .	11 3 52	10 20 43
	FEB. .	13 1 26	13 13 48		O	25 22 14	26 11 11
	MAR. .	14 14 10	15 4 8		FEB. .	9 16 36	9 11 1
	O	29 8 32	29 2 32		MAR. .	11 5 20	11 2 19
	APRIL	13 2 54	13 15 23		APRIL	9 18 4	9 18 15
	MAY .	12 15 38	13 0 7		MAY .	9 6 48	9 10 7
	JUNE .	11 4 22	11 7 19		JUNE .	7 19 32	8 1 11
	JULY .	10 17 6	10 14 5		JULY .	7 8 16	7 14 56
	AUG. .	9 5 50	8 21 32		O	22 2 38	21 14 32
	SEPT. .	7 18 34	7 6 36		AUG. .	5 21 0	6 3 15
	O	22 12 56	22 18 19		SEPT. .	4 9 44	4 14 26
	OCT. .	7 7 18	6 18 5		OCT. .	3 22 28	4 1 3
	NOV. .	5 20 2	5 8 21		NOV. .	2 11 12	2 11 36
	DEC. .	5 8 46	5 1 15		DEC. .	1 23 56	1 22 21
						31 12 40	31 9 22
276. B.A. 20 18 16	JAN. .	3 21 30	3 19 51	279. E. 21 11 43	O	15 7 2	15 17 24
	FEB. .	2 10 14	2 14 46		JAN. .	30 1 24	29 20 42
	MAR. .	2 22 58	3 8 32		FEB. .	28 14 8	28 8 35
	O	17 17 20	17 15 0		MAR. .	30 2 52	29 21 19
	APRIL	1 11 42	1 23 58		APRIL	28 15 36	28 11 8
	MAY .	1 0 26	1 12 36		MAY .	28 4 20	28 1 57
	JUNE .	30 13 10	30 22 39		JUNE .	26 17 4	26 17 21
	JULY .	29 1 54	29 6 55		O	11 11 26	11 5 38
	AUG. .	28 14 38	28 14 29		JULY .	26 5 48	26 8 39
	SEPT. .	27 3 22	26 22 20		AUG. .	24 18 32	24 23 20
	OCT. .	25 16 6	25 7 21		SEPT. .	23 7 16	23 18 5
	NOV. .	25 4 50	24 18 10		OCT. .	22 20 0	23 1 52
	DEC. .	23 17 34	23 7 6		NOV. .	21 8 44	21 13 50
		23 6 18	22 22 8		DEC. .	20 21 23	21 1 3
277. G. 21 0 5	JAN. .	21 19 3	21 14 51	280. D.C. 20 17 32	JAN. .	19 10 12	19 11 37
	O	5 13 25	5 22 4		FEB. .	17 22 56	17 21 36
	FEB. .	20 7 47	20 8 23		MAR. .	18 11 41	18 7 27
	MAR. .	21 20 31	22 1 44		APRIL	17 0 25	16 17 44
	APRIL	20 9 15	20 17 47		MAY .	16 13 9	16 5 12
	MAY .	19 21 59	20 7 49		JUNE .	15 1 53	14 18 23
	JUNE .	18 10 43	18 19 39		JULY .	14 14 37	14 9 17
	JULY .	17 23 27	18 5 41		AUG. .	13 3 21	13 1 23
	AUG. .	16 12 11	16 14 45		SEPT. .	11 16 5	11 18 7
	SEPT. .	15 0 55	14 23 40		OCT. .	11 4 49	11 10 24
	OCT. .	14 13 39	14 9 13		NOV. .	9 17 33	10 1 35
	NOV. .	13 2 23	12 19 43		DEC. .	9 6 17	9 15 13
	DEC. .	12 15 7	12 7 38				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 281. B. March. d. h. m. 20 23 20		d. h. m.	d. h. m.	A.D. 284. F.E. March. d. h. m. 20 16 47		d. h. m.	d. h. m.
	JAN. .	7 19 2	8 3 21		JAN. .	5 10 12	5 15 6
	FEB. .	6 7 46	6 13 47		FEB. .	3 22 56	4 9 24
	MAR. .	7 20 30	7 22 54		MAR. .	4 11 40	5 1 20
	APRIL	6 9 14	6 7 13		APRIL	3 0 24	3 13 51
	MAY .	5 21 58	5 15 35		MAY .	2 13 8	2 23 42
	○	20 16 20	21 3 8		JUNE .	1 1 52	1 7 33
	JUNE .	4 10 42	4 0 58		JUNE .	30 14 36	30 14 27
	JULY .	3 23 26	3 12 16		JULY .	30 3 20	29 21 32
	AUG. .	2 12 10	2 2 4		AUG. .	28 16 4	28 5 47
	SEPT. .	1 0 54	31 18 14		SEPT. .	27 4 48	26 16 6
	○	30 13 38	30 12 2		OCT. .	26 17 32	26 5 1
	OCT. .	30 2 22	30 6 18		NOV. .	25 6 16	24 20 39
	○	13 20 44	13 11 57		DEC. .	24 19 0	24 14 26
	NOV. .	28 15 6	28 23 45				
	DEC. .	28 3 50	28 15 19				
282. A. 21 5 9	JAN. .	26 16 34	27 4 29	285. D. 20 22 36	JAN. .	23 7 44	23 9 13
	FEB. .	25 5 18	25 15 14		FEB. .	21 20 28	22 3 36
	MAR. .	26 18 2	26 23 58		○	8 14 50	8 14 32
	APRIL	25 6 46	25 7 27		MAR. .	23 9 12	23 20 10
	○	10 1 8	10 7 31		APRIL	21 21 56	22 10 10
	MAY .	24 19 30	24 14 34		MAY .	21 10 40	21 21 27
	JUNE .	23 8 14	22 22 26		JUNE .	19 23 24	20 6 35
	JULY .	22 20 58	22 8 9		JULY .	19 12 8	19 14 30
	AUG. .	21 9 42	20 20 38		AUG. .	18 0 52	17 22 15
	SEPT. .	19 22 26	19 11 56		○	1 19 14	1 15 51
	OCT. .	19 11 10	19 5 51		SEPT. .	16 13 33	16 6 47
	○	3 5 32	3 3 10		OCT. .	16 2 20	15 16 47
	NOV. .	17 23 54	18 1 7		NOV. .	14 15 4	14 4 41
	DEC. .	17 12 38	17 20 8		DEC. .	14 3 48	13 18 37
283. G. 21 10 58	JAN. .	16 1 23	16 13 24	286. C. 21 4 25	JAN. .	12 16 33	12 10 23
	FEB. .	14 14 7	15 3 54		FEB. .	11 5 17	11 3 23
	MAR. .	16 2 51	16 15 25		○	25 23 39	26 7 3
	APRIL	14 15 35	15 0 24		MAR. .	12 18 1	12 20 44
	○	29 9 57	29 8 5		APRIL	11 6 45	11 13 22
	MAY .	14 4 19	14 7 41		MAY .	10 19 29	11 4 25
	JUNE .	12 17 3	12 14 20		JUNE .	9 8 13	9 17 24
	JULY .	12 5 47	11 21 25		JULY .	8 20 57	9 4 26
	AUG. .	10 18 31	10 6 5		AUG. .	7 9 41	7 14 6
	SEPT. .	9 7 15	8 17 13		○	22 4 3	21 16 34
	OCT. .	8 19 59	8 7 24		SEPT. .	5 22 25	5 23 13
	○	23 14 21	23 18 33		OCT. .	5 11 9	5 8 36
	NOV. .	7 8 43	7 0 30		NOV. .	3 23 53	3 18 47
	DEC. .	6 21 27	6 19 34		DEC. .	3 12 37	3 6 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 287. B.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 290. E. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 21 10 13	JAN. .	{ 2 1 21 31 14 5	1 18 20 31 7 47	21 3 40	JAN. .	28 5 16	28 13 4
	FEB. .	...	...		FEB. .	26 18 0	26 22 37
	MAR. .	{ 2 2 50 31 15 34	1 22 21 31 13 45		MAR. .	28 6 44	28 7 3
	APRIL	30 4 18	30 5 32		APRIL	26 19 28	26 15 5
	MAY .	29 17 2	29 21 2		MAY .	26 8 12	25 23 40
	JUNE .	28 5 46	28 11 34		○	{ 10 2 34	10 12 6
	JULY .	27 18 30	28 0 48		JUNE .	{ 24 20 56	24 9 49
	AUG. .	26 7 14	26 12 46		JULY .	24 9 40	23 22 18
	SEPT. .	24 19 58	24 23 53		AUG. .	22 22 24	22 13 24
	OCT. .	24 8 42	24 10 40		SEPT. .	21 11 8	21 6 41
	NOV. .	22 21 26	22 21 25		OCT. .	20 23 52	21 1 5
	DEC. .	22 10 10	22 8 17		NOV. .	19 12 36	19 19 17
					○	{ 4 6 58	3 22 31
					DEC. .	{ 19 1 20	19 12 1
288. A.G.	JAN. .	20 22 54	20 19 18	291. D.	JAN. .	17 14 4	18 2 28
20 16 2	FEB. .	19 11 38	19 6 38	21 9 29	FEB. .	16 2 43	16 14 18
	MAR. .	20 0 22	19 18 35		MAR. .	17 15 32	17 23 49
	APRIL	18 13 6	18 7 34		APRIL	16 4 16	16 7 40
	MAY .	18 1 50	17 21 43		MAY .	15 17 0	15 14 43
	JUNE .	16 14 34	16 12 50		JUNE .	14 5 44	13 22 0
	○	{ 1 8 56	1 5 55		JULY .	13 18 28	13 6 39
	JULY .	{ 16 3 18	16 4 21		AUG. .	12 7 12	11 17 38
	AUG. .	14 16 2	14 19 39		SEPT. .	10 19 56	10 7 36
	SEPT. .	13 4 46	13 10 11		OCT. .	10 8 40	10 0 27
	OCT. .	12 17 30	12 23 43		NOV. .	8 21 24	8 19 20
	NOV. .	11 6 14	11 12 19		DEC. .	8 10 8	8 14 47
	DEC. .	{ 10 13 58 25 13 20	11 0 0 25 11 42				
	○						
289. F.	JAN. .	9 7 43	9 10 52	292. C.B.	JAN. .	6 22 53	7 9 8
20 21 51	FEB. .	7 20 27	7 20 56	20 15 18	FEB. .	5 11 37	6 1 4
	MAR. .	9 9 11	9 6 32		MAR. .	6 0 21	6 13 58
	APRIL	7 21 55	7 16 14		APRIL	{ 4 13 5	5 0 2
	MAY .	7 10 39	7 2 48		○	{ 19 7 27	19 3 54
	JUNE .	{ 5 23 23 20 17 45	5 14 55 20 22 55		MAY .	4 1 49	4 7 58
	○				JUNE .	2 14 33	2 14 45
	JULY .	5 12 7	5 4 55		JULY .	{ 2 3 17 31 16 1	1 21 30 31 5 17
	AUG. .	4 0 51	3 20 38		AUG. .	30 4 45	29 15 10
	SEPT. .	2 13 35	2 13 22		SEPT. .	23 17 29	23 3 52
	OCT. .	{ 2 2 19 31 15 3	2 6 13 31 22 17		○	{ 13 11 51	13 17 1
	NOV. .	30 3 47	30 12 58		OCT. .	{ 28 6 13	27 19 38
	○	{ 14 22 9	14 13 33		NOV. .	26 13 57	26 13 53
	DEC. .	{ 29 16 31	30 1 55		DEC. .	26 7 41	26 9 21

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 293.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 296.		<i>d. h. m.</i>	<i>d. h. m.</i>
A. March.	JAN. .	24 20 25	25 4 33	E.D. March.	JAN. .	22 11 35	22 5 7
<i>d. h. m.</i>	FEB. .	23 9 9	23 21 27	<i>d. h. m.</i>	○	{ 6 5 57	6 19 24
20 21 6	MAR. .	24 21 53	25 11 36	20 14 33	FEB. .	{ 21 0 19	20 18 50
	○	{ 8 16 15	8 9 53		MAR. .	21 13 3	21 9 32
	APRIL	{ 23 10 37	23 22 45		APRIL	20 1 47	20 0 59
	MAY .	22 23 21	23 7 28		MAY .	19 14 31	19 16 35
	JUNE .	21 12 5	21 14 45		JUNE .	18 3 15	18 7 42
	JULY .	21 0 49	20 21 42		JULY .	17 15 59	{ 17 21 47
	AUG. .	19 13 33	19 5 22		○	{ 1 10 21	31 21 57
	SEPT. .	18 2 17	17 14 42		AUG. .	{ 16 4 43	16 10 37
	○	{ 2 20 39	3 2 8		SEPT. .	14 17 27	14 22 24
	OCT. .	{ 17 15 1	17 2 22		OCT. .	14 6 11	14 9 38
	NOV. .	16 3 45	15 15 41		NOV. .	12 18 55	12 20 27
	DEC. .	15 16 29	15 9 23		DEC. .	12 7 39	12 7 19
294.	JAN. .	14 5 14	14 3 43	297.	JAN. .	{ 10 20 23	10 18 8
G.	FEB. .	12 17 58	12 22 18	C.	○	{ 25 14 45	26 1 19
21 2 55	MAR. .	{ 14 6 42	14 15 46		FEB. .	9 9 7	9 5 4
	○	{ 29 1 4	28 22 53	20 20 22	MAR. .	10 21 52	10 16 24
	APRIL	12 19 26	13 7 2		APRIL	9 10 36	9 4 32
	MAY .	12 8 10	12 19 38		MAY .	8 23 20	8 17 51
	JUNE .	10 20 54	11 5 48		JUNE .	7 12 4	7 8 25
	JULY .	10 9 33	10 14 21		JULY .	{ 7 0 43	6 23 51
	AUG. .	8 22 22	8 22 14		○	{ 21 19 10	21 13 13
	SEPT. .	7 11 6	7 6 27		AUG. .	5 13 32	5 15 31
	OCT. .	6 23 50	6 15 50		SEPT. .	4 2 16	4 6 44
	NOV. .	5 12 34	5 2 50		OCT. .	3 15 0	3 21 7
	DEC. .	5 1 18	4 15 43		NOV. .	2 3 44	2 10 25
295.	JAN. .	3 14 3	3 6 29	298.	DEC. .	{ 1 16 28	1 22 42
F.	FEB. .	{ 2 2 47	1 22 42	B.	{ 31 5 12	31 9 59	
21 8 44	○	{ 16 21 9	17 6 29		JAN. .	29 17 56	29 20 18
	MAR. .	3 15 31	3 15 44	21 2 11	FEB. .	28 6 41	28 5 53
	APRIL	2 4 15	2 8 38		MAR. .	29 19 25	29 15 12
	MAY .	{ 1 16 59	2 0 28		APRIL	28 8 9	28 0 59
		{ 31 5 43	31 14 32		MAY .	27 20 53	27 12 4
	JUNE .	29 18 27	30 2 38		JUNE .	26 9 37	26 1 1
	JULY .	29 7 11	29 13 5		JULY .	25 22 21	25 15 57
	AUG. .	27 19 55	27 22 38		AUG. .	24 11 5	24 8 25
	SEPT. .	26 8 39	26 8 2		SEPT. .	22 23 49	23 1 34
	OCT. .	25 21 23	25 17 57		OCT. .	22 12 33	22 18 24
	NOV. .	24 10 7	24 4 43		NOV. .	21 1 17	21 10 5
	DEC. .	23 22 51	23 16 25		DEC. .	20 14 1	21 0 1

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 299.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 302.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	19 2 45	19 12 2	D.	JAN. .	15 17 55	15 22 56
March.	FEB. .	17 15 29	17 22 14	March.	FEB. .	14 6 39	14 17 2
<i>d. h. m.</i>	MAR. .	19 4 13	19 6 58	<i>d. h. m.</i>	MAR. .	15 19 23	16 8 37
21 7 59	APRIL	17 16 57	17 14 53	21 1 26	APRIL	14 8 7	14 21 11
	MAY .	17 5 41	16 22 53		MAY .	13 20 51	14 7 1
	○	{ 1 0 3	1 10 1		JUNE .	12 9 35	12 14 54
	JUNE .	{ 15 18 23	15 8 0		JULY .	11 22 19	11 21 58
	JULY .	15 7 9	14 19 12		AUG. .	10 11 3	10 5 18
	AUG. .	13 19 53	13 9 2		SEPT. .	8 23 47	8 13 50
	SEPT. .	12 8 37	12 1 25		OCT. .	8 12 31	8 0 23
	OCT. .	11 21 21	11 19 35		NOV. .	7 1 15	6 13 25
	NOV. .	{ 10 10 5	10 14 15		DEC. .	6 13 59	6 4 57
	○	{ 25 4 27	24 20 46				
	DEC. .	9 22 49	10 8 2				
300.	JAN. .	8 11 34	8 23 46	303.	JAN. .	5 2 44	4 22 27
G.F.	FEB. .	7 0 18	7 12 52	C.	FEB. .	3 15 28	3 16 52
20 13 48	MAR. .	7 13 2	7 23 23	21 7 15	MAR. .	{ 5 4 12	5 10 52
	APRIL	6 1 46	6 7 49		○	{ 19 22 34	19 22 35
	MAY .	{ 5 14 30	5 15 2		APRIL	3 16 56	4 3 13
	○	{ 20 8 52	20 14 4		MAY .	3 5 40	3 17 8
	JUNE .	4 3 14	3 21 57		JUNE .	1 18 24	2 4 30
	JULY .	3 15 53	3 5 44		JULY .	{ 1 7 8	1 13 52
	AUG. .	{ 2 4 42	1 15 27		○	{ 30 19 52	30 22 6
	SEPT. .	{ 31 17 26	31 3 57		AUG. .	29 8 36	29 6 16
	OCT. .	30 6 10	29 19 31		○	{ 13 2 53	12 23 2
	NOV. .	29 18 54	29 13 38		SEPT. .	{ 27 21 20	27 15 11
	○	{ 13 13 16	13 12 5		OCT. .	27 10 4	27 1 27
	NOV. .	{ 28 7 38	28 9 5		NOV. .	25 22 48	25 13 24
	DEC. .	27 20 22	28 4 12		DEC. .	25 11 32	25 3 8
301.	JAN. .	26 9 7	26 21 23	304.	JAN. .	24 0 16	23 18 27
E.	FEB. .	24 21 51	25 11 51	B.A.	FEB. .	22 13 0	22 10 53
20 19 37	MAR. .	26 10 35	26 23 11		○	{ 8 7 22	8 15 14
	APRIL	24 23 19	25 7 59	20 13 4	MAR. .	{ 23 1 44	23 3 43
	○	{ 9 17 41	9 14 41		APRIL	21 14 28	21 20 3
	MAY .	{ 24 12 3	24 15 10		MAY .	21 3 12	21 11 3
	JUNE .	23 0 47	22 21 47		JUNE .	19 15 56	20 0 13
	JULY .	22 13 31	22 4 58		JULY .	19 4 40	19 11 33
	AUG. .	21 2 15	20 13 47		AUG. .	17 17 24	{ 17 21 46
	SEPT. .	19 14 59	19 1 6		○	{ 1 11 46	{ 31 23 43
	OCT. .	19 3 43	18 15 25		SEPT. .	{ 16 6 8	16 7 24
	○	{ 2 22 5	3 3 14		OCT. .	15 18 52	15 17 19
	NOV. .	{ 17 16 27	17 8 32		NOV. .	14 7 36	
	DEC. .	17 5 11	17 3 34		DEC. .	13 20 20	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 305. G. March. d. h. m. 20 18 52		d. h. m.	d. h. m.	A.D. 308. D.C. March. d. h. m. 20 12 19		d. h. m.	d. h. m.
	JAN. .	12 9 4	12 2 54		JAN. .	10 0 15	10 10 37
	FEB. .	10 21 49	10 15 52		FEB. .	8 12 59	8 21 36
	MAR. .	12 10 33	12 5 48		MAR. .	9 1 43	9 6 50
	APRIL	10 23 17	10 20 38		APRIL	7 14 27	7 14 52
	MAY .	10 12 1	10 12 3		MAY .	7 8 11	6 22 32
	JUNE .	9 0 45	9 3 30		JUNE .	5 15 55	5 6 49
	JULY .	8 18 29	8 18 16		○	20 10 17	20 19 5
	AUG. .	7 2 13	7 7 56		JULY .	5 4 39	4 16 48
	○	21 20 35	21 6 58		AUG. .	3 17 23	3 5 17
	SEPT. .	5 14 57	5 20 30		SEPT. .	2 6 7	1 20 32
	OCT. .	5 3 41	5 8 12		○	1 18 51	1 14 5
	NOV. .	3 16 25	3 19 25		OCT. .	81 7 35	81 8 52
	DEC. .	3 5 9	3 6 22		NOV. .	29 20 19	30 3 23
					○	14 14 41	14 7 16
					DEC. .	29 9 3	29 20 23
306. F.	JAN. .	1 17 54	1 17 11				
		31 6 33	31 3 52				
	FEB. .	...	...		
	MAR. .	1 19 22	1 14 40	309. B.	JAN. .	27 21 48	28 10 49
21 0 41		31 8 6	31 2 2		FEB. .	26 10 32	26 22 29
	APRIL	29 20 50	29 14 28		MAR. .	27 23 16	28 7 46
	MAY .	29 9 34	29 4 17	20 18 8	APRIL	26 12 0	26 15 21
	JUNE .	27 22 18	27 19 19		MAY .	26 0 44	25 22 10
	○	12 16 40	12 13 28		JUNE .	24 13 28	24 5 20
	JULY .	27 11 2	27 11 3		JULY .	24 2 12	23 13 59
	AUG. .	25 23 46	26 2 48		AUG. .	22 14 56	22 1 3
	SEPT. .	24 12 30	24 17 57		SEPT. .	21 3 40	20 15 10
	OCT. .	24 1 14	24 8 5		OCT. .	20 16 24	20 8 12
	NOV. .	22 13 58	22 21 5		NOV. .	19 5 8	19 3 13
	DEC. .	22 2 42	22 8 54		DEC. .	18 17 52	18 22 48
	○	5 21 4	5 19 38				
307. E.	JAN. .	20 15 26	20 19 37	310. A.	JAN. .	17 6 36	17 17 9
21 6 30	FEB. .	19 4 10	19 5 21		FEB. .	15 19 20	16 8 59
	MAR. .	20 16 54	20 14 29	20 23 57	MAR. .	17 8 4	17 21 43
	APRIL	19 5 38	18 23 41		APRIL	15 20 48	16 7 38
	MAY .	18 18 22	18 9 48		○	30 15 10	30 10 40
	JUNE .	17 7 6	16 21 38		MAY .	15 9 32	15 15 26
	○	2 1 28	2 6 17		JUNE .	13 22 13	13 22 10
	JULY .	16 19 50	16 11 35		JULY .	13 11 0	13 4 59
	AUG. .	15 8 34	15 3 28		AUG. .	11 23 44	11 12 57
	SEPT. .	13 21 18	13 20 36		SEPT. .	10 12 23	9 23 2
	OCT. .	13 10 2	13 13 59		OCT. .	10 1 12	9 11 53
	NOV. .	11 22 46	12 6 34		○	24 19 34	25 1 30
	DEC. .	11 11 30	11 21 35		NOV. .	8 13 56	8 3 43
	○	26 5 52	25 21 52		DEC. .	8 2 40	7 21 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 311. a. March. d. h. m. 21 5 45		d. h. m.	d. h. m.	A.D. 314. c. March. d. h. m. 20 23 11		d. h. m.	d. h. m.
	JAN. .	6 15 24	6 17 13		JAN. .	3 6 35	3 1 10
	FEB. .	5 4 8	5 12 2		FEB. .	1 19 19	1 13 25
	MAR. .	6 16 53	7 4 54		○	16 13 41	17 3 30
	APRIL	5 5 37	5 18 56		MAR. .	3 8 3	3 2 34
	○	19 23 59	19 17 12		APRIL	1 20 47	1 16 39
	MAY .	4 18 21	5 6 2		MAY .	1 9 31	1 7 37
	JUNE .	3 7 5	3 14 47		○	30 22 15	30 23 3
	JULY .	2 19 49	2 22 12		JUNE .	29 10 59	29 14 16
	AUG. .	1 8 33	1 5 24		JULY .	28 23 43	29 4 43
	○	30 21 17	30 13 23		○	12 18 5	12 5 33
	SEPT. .	29 10 1	28 23 0		AUG. .	27 12 27	27 18 6
	○	14 4 23	14 10 5		SEPT. .	26 1 11	26 6 30
	OCT. .	28 22 45	28 10 49		OCT. .	25 13 55	25 18 11
	NOV. .	27 11 29	27 1 6		NOV. .	24 2 39	24 5 22
	DEC. .	27 0 13	26 17 35		DEC. .	23 15 23	23 16 16
312. F.E. 20 11 31	JAN. .	25 12 58	25 11 31	315. B. 21 5 0	JAN. .	22 4 7	22 2 52
	FEB. .	24 1 42	24 5 40		○	5 22 29	6 9 5
	MAR. .	24 14 26	24 22 49		FEB. .	20 16 51	20 13 21
	○	8 8 48	8 6 33		MAR. .	22 5 36	22 0 6
	APRIL	23 3 10	23 13 56		APRIL	20 18 20	20 11 39
	MAY .	22 15 54	23 2 35		MAY .	20 7 4	20 0 33
	JUNE .	21 4 38	21 12 53		JUNE .	18 19 43	18 14 56
	JULY .	20 17 22	20 21 48		JULY .	18 8 32	18 6 26
	AUG. .	19 6 6	19 6 6		○	2 2 54	1 20 55
	SEPT. .	17 18 50	17 14 45		AUG. .	16 21 16	16 22 27
	OCT. .	17 7 34	17 0 27		SEPT. .	15 10 0	15 14 15
	NOV. .	15 20 13	15 11 36		OCT. .	14 22 44	15 5 14
	DEC. .	15 9 2	15 0 22		NOV. .	13 11 28	13 19 2
					DEC. .	13 0 12	13 7 35
313. D. 20 17 23	JAN. .	18 21 46	18 14 44	316. A.G. 20 10 49	JAN. .	11 12 56	11 18 49
	FEB. .	12 10 30	12 6 25		FEB. .	10 1 40	10 4 52
	○	27 4 52	27 14 45		MAR. .	10 14 24	10 14 1
	MAR. .	18 23 14	18 22 54		APRIL	9 3 8	8 22 50
	APRIL	12 11 53	12 15 24		MAY .	8 15 52	8 8 9
	MAY .	12 0 42	12 7 3		JUNE .	7 4 36	6 13 54
	JUNE .	10 18 26	10 21 13		JULY .	6 17 20	6 7 42
	JULY .	10 2 10	10 9 33		AUG. .	5 6 4	4 22 42
	AUG. .	8 14 54	8 20 33		SEPT. .	3 18 43	3 15 29
	SEPT. .	7 8 33	7 6 37		OCT. .	3 7 32	3 9 7
	OCT. .	6 16 22	6 16 32		NOV. .	1 20 16	2 2 29
	NOV. .	5 5 6	5 2 46		DEC. .	1 9 0	1 18 33
	DEC. .	4 17 50	4 13 37		○	30 21 44	31 8 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 317. F. March. <i>d. h. m.</i> 20 16 38		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 320. C.B. March. <i>d. h. m.</i> 20 10 4		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	29 10 29	29 20 38		JAN. .	27 1 39	27 6 39
	FEB. .	27 23 13	28 6 33		FEB. .	25 14 23	26 0 31
	MAR. .	29 11 57	29 14 55		MAR. .	26 3 7	26 15 55
	APRIL	28 0 41	27 22 28		APRIL	24 15 51	25 4 25
	MAY .	27 13 25	27 6 10		MAY .	24 4 35	24 14 15
	○	{ 11 7 47	11 16 52		JUNE .	22 17 19	22 22 17
	JUNE .	{ 26 2 9	25 15 6		JULY .	22 6 3	22 5 35
	JULY .	25 14 53	25 2 14		AUG. .	20 18 47	20 13 13
	AUG. .	24 3 37	23 16 10		SEPT. .	19 7 31	18 22 4
	SEPT. .	22 16 21	22 8 47		OCT. .	18 20 15	18 8 51
	OCT. .	22 5 5	22 3 18		NOV. .	17 8 59	16 21 55
	NOV. .	20 17 49	20 22 19		DEC. .	16 21 43	16 13 17
	○	{ 5 12 11	5 5 38				
	DEC. .	{ 20 6 33	20 16 19				
318. E. 20 22 27	JAN. .	18 19 17	19 8 5	321. A. 20 15 53	JAN. .	15 10 27	15 6 24
	FEB. .	17 8 1	17 21 4		FEB. .	13 23 11	14 0 22
	MAR. .	18 20 45	19 7 21		MAR. .	{ 15 11 55	15 17 59
	APRIL	17 9 29	17 15 33		○	{ 30 6 17	30 6 28
	MAY .	{ 16 22 13	16 22 30		APRIL	14 0 39	14 10 7
	○	{ 31 16 35	31 20 33		MAY .	13 13 23	13 23 59
	JUNE .	15 10 57	15 5 19		JUNE .	12 2 7	12 11 30
	JULY .	14 23 41	14 13 5		JULY .	11 14 51	11 21 10
	AUG. .	13 12 25	12 22 52		AUG. .	10 3 35	10 5 49
	SEPT. .	12 1 9	11 11 30		SEPT. .	{ 8 16 19	8 14 21
	OCT. .	11 13 53	11 3 13		○	{ 23 10 41	23 6 22
	NOV. .	{ 10 2 37	9 21 30		OCT. .	8 5 3	7 23 41
	○	{ 24 20 59	24 21 0		NOV. .	6 17 47	6 10 12
	DEC. .	9 15 21	9 17 4		DEC. .	6 6 31	5 22 9
319. D. 21 4 16	JAN. .	8 4 5	8 12 11	322. G. 20 21 42	JAN. .	4 19 15	4 11 35
	FEB. .	6 16 50	7 5 22		FEB. .	3 7 59	3 2 25
	MAR. .	8 5 34	8 19 37		MAR. .	{ 4 20 44	4 18 17
	APRIL	6 13 13	7 6 43		○	{ 19 15 6	19 23 17
	MAY .	{ 6 7 2	6 15 27		APRIL	3 9 28	3 10 38
	○	{ 21 1 24	20 21 15		MAY .	2 22 12	2 2 41
	JUNE .	4 19 46	4 22 35		JUNE .	{ 1 10 56	1 17 38
	JULY .	4 8 30	4 5 16		○	{ 30 23 40	{ 1 7 8
	AUG. .	2 21 14	{ 2 12 36		JULY .	30 12 24	{ 30 18 54
	SEPT. .	{ 1 9 58	{ 31 21 37		AUG. .	29 1 8	29 5 34
	○	{ 30 22 42	30 9 7		○	{ 12 19 30	12 7 13
	OCT. .	30 11 26	29 23 32		SEPT. .	{ 27 13 52	27 15 44
	○	{ 14 5 48	14 11 57		OCT. .	27 2 36	27 1 57
	NOV. .	{ 29 0 10	28 16 33		NOV. .	25 15 20	25 12 36
	DEC. .	28 12 54	28 11 30		DEC. .	25 4 4	24 23 45

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 323. F. March. <i>d. h. m.</i> 21 8 31		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 326. B. March. <i>d. h. m.</i> 20 20 57		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	23 16 49	23 11 27		○	{ 5 13 36	5 6 10
	FEB. .	22 5 33	21 23 51		JAN. .	{ 20 7 59	20 19 14
	MAR. .	23 18 17	23 13 9		FEB. .	18 20 43	19 6 1
	APRIL .	22 7 1	22 3 27		MAR. .	20 9 27	20 14 55
	MAY .	21 19 45	21 18 34		APRIL .	18 22 11	18 22 35
	JUNE .	20 8 29	20 9 57		MAY .	18 10 55	18 5 56
	JULY .	19 21 13	20 1 0		JUNE .	16 23 39	16 14 0
	AUG. .	18 9 57	18 15 10		○	{ 1 18 1	2 2 5
	○	{ 2 4 19	1 14 42		JULY .	{ 16 12 23	15 23 54
	SEPT. .	{ 16 22 41	17 4 21		AUG. .	15 1 7	14 12 25
	OCT. .	16 11 25	16 16 38		SEPT. .	13 13 51	13 8 50
	NOV. .	15 0 9	15 4 14		OCT. .	13 2 35	12 21 42
	DEC. .	14 12 53	14 15 21		NOV. .	11 15 19	11 16 47
					DEC. .	{ 11 4 3	11 11 35
					○	{ 25 22 25	25 16 4
324. E.D. 20 9 20	JAN. .	13 1 37	13 2 1	327. A. 21 2 46	JAN. .	9 16 47	10 4 39
	FEB. .	11 14 21	11 12 20		FEB. .	8 5 31	8 19 2
	MAR. .	12 8 5	11 22 36		MAR. .	9 18 15	10 6 31
	APRIL .	10 15 49	10 9 23		APRIL .	8 6 59	8 15 31
	MAY .	10 4 33	9 21 19		MAY .	7 19 43	7 22 53
	JUNE .	8 17 17	8 10 49		JUNE .	6 8 27	6 5 35
	JULY .	{ 8 6 1	8 1 48		JULY .	5 21 11	5 12 44
	○	{ 23 0 23	22 21 4		AUG. .	4 9 55	3 21 25
	AUG. .	6 18 45	6 17 49		SEPT. .	2 22 39	2 8 37
	SEPT. .	5 7 29	5 10 3		OCT. .	2 11 23	{ 1 22 53
	OCT. .	4 20 13	5 1 48		NOV. .	{ 1 0 7	{ 31 16 4
	NOV. .	3 8 57	3 16 30		DEC. .	30 12 51	30 11 13
	DEC. .	2 21 41	3 5 51			30 1 35	30 6 46
325. C. 20 15 9	JAN. ○	{ 1 10 25	1 17 46	328. G.F. 20 8 35	JAN. .	28 14 20	29 1 3
		{ 16 4 47	16 3 28		FEB. .	27 3 4	27 16 44
		{ 30 23 9	31 4 17		MAR. .	27 15 43	28 5 21
	FEB. .	...	...		APRIL .	26 4 32	26 15 7
	MAR. .	{ 1 11 54	1 13 39		○	{ 10 22 54	10 17 22
	APRIL .	{ 31 0 38	30 22 20		MAY .	{ 25 17 16	25 22 52
	MAY .	29 13 22	29 7 4		JUNE .	24 6 0	24 5 39
	JUNE .	27 14 50	27 4 24		JULY .	23 18 44	23 12 36
	○	{ 12 9 12	12 13 44		AUG. .	22 7 28	21 20 46
	JULY .	{ 27 3 34	26 18 19		SEPT. .	20 20 12	20 7 3
	AUG. .	25 16 18	25 10 25		OCT. .	20 8 56	19 20 4
	SEPT. .	24 5 2	24 3 59		○	{ 4 3 18	4 10 5
	OCT. .	23 17 46	23 21 52		NOV. .	{ 18 21 40	18 11 54
	NOV. .	22 6 30	22 14 54		DEC. .	18 10 24	18 5 57
	DEC. .	21 19 14	22 6 11				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 329. E. March. <i>d. h. m.</i> 20 14 24		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 332. B.A. March. <i>d. h. m.</i> 20 7 50		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 28 9	17 1 2		JAN. .	14 14 18	14 9 52
	FEB. .	15 11 53	15 19 34		FEB. .	{ 13 8 2	12 21 33
	MAR. .	17 0 37	17 12 13		○	{ 27 21 24	28 11 25
	APRIL	{ 15 13 21	16 2 7		MAR. .	13 15 46	13 10 9
	○	{ 30 7 43	30 0 25		APRIL	12 4 30	11 23 39
	MAY .	15 2 5	15 13 12		MAY .	11 17 14	11 14 13
	JUNE .	13 14 49	13 22 4		JUNE .	10 5 58	10 5 28
	JULY .	13 3 33	13 5 43		JULY .	9 18 42	9 20 50
	AUG. .	11 16 17	11 13 14		AUG. .	{ 8 7 26	8 11 43
	SEPT. .	10 5 1	9 21 33		○	{ 23 1 48	22 13 15
	OCT. .	{ 9 17 45	9 7 25		SEPT. .	6 20 10	7 1 41
	○	{ 24 12 7	24 18 7		OCT. .	6 8 54	6 14 41
	NOV. .	8 6 29	7 19 23		NOV. .	4 21 38	5 2 51
	DEC. .	7 19 13	7 9 34		DEC. .	4 10 22	4 14 19
330. D. 20 20 13	JAN. .	6 7 57	6 1 44	333. G. 20 13 39	JAN. .	2 23 7	3 1 12
	FEB. .	4 20 41	4 19 12		FEB. .	{ 1 11 51	1 11 30
	MAR. .	6 9 25	6 12 54		○	{ 16 6 13	16 16 42
	APRIL	{ 4 22 9	5 5 43		MAR. .	3 0 35	2 21 30
	○	{ 19 16 31	19 14 17		APRIL	1 13 19	{ 1 7 40
	MAY .	4 10 53	4 20 44		○	{ 1 2 3	{ 30 18 42
	JUNE .	2 23 37	3 9 28		MAY .	{ 30 14 47	30 7 12
	JULY .	2 12 21	2 20 7		JUNE .	29 3 31	28 21 25
	AUG. .	{ 1 1 5	1 5 20		JULY .	23 16 15	23 13 8
	○	{ 30 13 49	30 14 5		○	{ 12 10 37	12 4 43
	SEPT. .	29 2 33	23 23 8		AUG. .	{ 27 4 59	27 5 29
	OCT. .	23 15 17	23 9 9		SEPT. .	25 17 43	25 21 52
	NOV. .	27 4 1	26 20 25		OCT. .	25 6 27	25 13 25
	DEC. .	26 16 45	26 9 1		NOV. .	23 19 11	24 3 41
					DEC. .	23 7 55	23 16 25
331. C. 21 2 2	JAN. .	25 5 30	24 22 57	334. F. 20 19 23	JAN. .	21 20 40	22 3 35
	FEB. .	23 18 14	23 14 3		FEB. .	20 9 24	20 13 20
	○	{ 10 12 36	10 22 51		MAR. .	21 22 8	21 22 1
	MAR. .	{ 25 6 58	25 5 53		APRIL	20 10 52	20 6 24
	APRIL	23 19 42	23 22 4		MAY .	19 23 36	19 15 20
	MAY .	23 8 26	23 13 36		JUNE .	18 12 20	18 1 46
	JUNE .	21 21 10	22 3 54		JULY .	18 1 4	17 14 28
	JULY .	21 9 54	21 16 41		AUG. .	16 13 48	16 5 36
	AUG. .	19 22 38	20 4 8		SEPT. .	15 2 32	14 22 44
	SEPT. .	18 11 22	18 14 45		OCT. .	14 15 16	14 16 49
	OCT. .	18 0 6	18 1 8		NOV. .	13 4 0	13 10 37
	NOV. .	16 12 50	16 11 41		DEC. .	12 16 44	13 3 2
	DEC. .	16 1 34	15 22 33				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 335. E. March. d. h. m. 21 1 17		d. h. m.	d. h. m.	A.D. 338. A. March. d. h. m. 20 18 43		d. h. m.	d. h. m.
	JAN. .	11 5 28	11 17 16		JAN. .	7 20 38	7 19 24
	FEB. .	9 18 12	10 5 5		FEB. .	6 9 22	6 14 14
	MAR. .	11 6 56	11 14 42		MAR. .	7 22 6	8 7 51
	APRIL .	9 19 40	9 22 48		APRIL .	6 10 50	6 23 4
	MAY .	9 8 24	9 5 58		MAY .	5 23 34	6 11 30
	JUNE .	{ 7 21 8	7 13 26		JUNE .	4 12 18	4 21 26
	○	{ 22 15 30	22 23 41		JULY .	4 1 2	4 5 41
	JULY .	7 9 52	6 22 15		AUG. .	2 13 46	{ 2 13 17
	AUG. .	5 22 36	5 9 22		SEPT. .	{ 1 2 30	{ 31 21 14
	SEPT. .	4 11 20	3 23 25		○	{ 30 15 14	30 6 26
	OCT. .	4 0 4	3 16 18		OCT. .	30 8 58	29 17 25
	NOV. .	2 12 48	2 11 5		NOV. .	28 16 42	28 6 28
		{ 2 1 32	2 6 20		DEC. .	28 5 26	27 21 35
	DEC. ○	{ 16 19 54	16 14 31				
		{ 31 14 16	...				
336. D.C 20 7 6	JAN. .	{ ...	1 0 30	339. G. 21 0 32	JAN. .	26 18 11	26 14 17
		{ 30 3 1	30 16 18		FEB. .	25 6 55	25 7 46
	FEB. .	28 15 45	29 5 8		MAR. .	26 19 39	27 0 59
	MAR. .	20 4 29	20 15 12		○	{ 10 14 1	10 14 16
	APRIL .	27 17 13	27 23 10		APRIL .	{ 25 8 23	25 16 52
	MAY .	27 5 57	27 5 59		MAY .	24 21 7	25 6 45
	○	{ 11 0 19	11 3 1		JUNE .	23 9 51	23 18 31
	JUNE .	{ 25 18 41	25 12 45		JULY .	22 22 35	23 4 32
	JULY .	25 7 25	24 20 31		AUG. .	21 11 19	21 13 33
	AUG. .	23 20 9	23 6 23		SEPT. .	20 0 3	19 22 41
	SEPT. .	22 8 53	21 19 16		○	{ 4 13 25	4 13 50
	OCT. .	21 21 37	21 11 6		OCT. .	{ 19 12 47	19 8 22
	NOV. .	20 10 21	20 5 28		NOV. .	18 1 31	17 19 3
	○	{ 5 4 43	5 6 0		DEC. .	17 14 15	17 6 56
	DEC. .	{ 19 23 5	20 1 1				
337. H. 20 12 54	JAN. .	18 11 49	18 20 5	340. F.E. 20 6 21	JAN. .	16 2 59	15 20 1
	FEB. .	17 0 38	17 18 7		FEB. .	14 15 43	14 10 18
	MAR. .	18 13 18	19 3 13		MAR. .	{ 15 4 23	15 1 34
	APRIL .	17 2 2	17 14 17		○	{ 29 22 50	30 7 11
	MAY .	{ 16 14 46	16 22 52		APRIL .	18 17 12	13 17 25
	○	{ 31 9 8	31 3 47		MAY .	13 5 56	13 9 12
	JUNE .	15 8 33	15 6 1		JUNE .	11 18 40	12 0 12
	JULY .	14 16 14	14 12 50		JULY .	11 7 24	11 13 55
	AUG. .	13 4 53	12 20 23		AUG. .	9 20 8	10 2 15
	SEPT. .	11 17 42	11 5 38		SEPT. .	{ 8 8 52	8 13 29
	OCT. .	11 6 26	10 17 19		○	{ 23 3 14	22 14 49
	NOV. .	{ 9 19 10	9 7 47		OCT. .	7 21 36	8 0 11
	○	{ 24 13 32	24 20 44		NOV. .	6 10 20	6 10 48
	DEC. .	9 7 54	9 0 48		DEC. .	5 23 4	5 21 35

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 341. D. March. d. h. m. 20 12 10		d. h. m.	d. h. m.	A.D. 344. A.G.		d. h. m.	d. h. m.
	JAN. .	4 11 48	4 8 36		JAN. ○	{ 2 2 58 16 21 20 31 15 42	2 14 41 16 14 26 ...
	FEB. .	3 0 32	2 19 52		FEB. .	...	1 3 41
	MAR. .	4 13 16	4 7 42	March. d. h. m. 20 5 36	MAR. .	{ 1 4 26 30 17 10	1 14 14 30 22 50
	APRIL	3 2 0	2 20 23		APRIL	29 5 54	29 6 11
	MAY .	2 14 44	2 10 11		MAY .	28 18 38	28 18 18
	JUNE .	{ 1 3 28 30 16 12	1 1 1 30 16 26		JUNE .	27 7 22	26 21 14
	JULY .	30 4 56	30 7 47		○	{ 12 1 44 26 20 6	12 9 5 26 7 5
	AUG. .	28 17 40	28 22 31		JULY .	25 8 50	24 19 42
	○	{ 12 12 2 27 6 24	11 22 34 27 12 18		AUG. .	23 21 34	23 11 17
	SEPT. .	26 19 8	27 1 8		SEPT. .	23 10 18	23 5 23
	OCT. .	25 7 52	25 13 7		OCT. .	21 23 2	22 0 44
	NOV. .	24 20 36	25 0 18		NOV. .	21 11 46	21 19 42
	DEC. .				DEC. .		
342. C. 20 17 59	JAN. .	23 9 21	23 10 47		○	{ 5 6 8 20 0 31	5 0 47 20 12 48
	FEB. .	21 22 5	21 20 40	345. F. 20 11 25	JAN. .	18 13 15	19 3 6
	MAR. .	23 10 49	23 6 24		FEB. .	20 1 59	20 14 24
	APRIL	21 23 33	21 16 39		MAR. .	18 14 43	18 23 12
	MAY .	21 12 17	21 4 9		APRIL	18 3 27	18 6 24
	JUNE .	20 1 1	19 17 23		MAY .	16 16 11	16 13 1
	JULY .	19 13 45	19 8 24		JUNE .	16 4 55	15 20 12
	○	{ 3 8 7 18 2 29	3 4 48 18 0 43		JULY .	14 17 39	14 5 0
	AUG. .	16 15 13	16 17 28		AUG. .	13 6 23	12 16 22
	SEPT. .	16 3 57	16 9 46		SEPT. .	12 19 7	12 6 47
	OCT. .	14 16 41	15 0 59		OCT. .	11 7 51	11 0 2
	NOV. .	14 5 25	14 14 38		NOV. .	10 20 35	10 19 11
	DEC. .				DEC. .		
343. B. 20 23 47	JAN. .	{ 12 18 9 27 12 31	13 2 34 27 11 15	346. E. 20 17 14	JAN. .	9 9 19	9 14 40
	○	11 6 53	11 12 50		FEB. .	7 22 3	8 8 47
	FEB. .	12 19 38	12 21 49		MAR. .	9 10 47	10 0 20
	MAR. .	11 8 22	11 6 4		APRIL	7 23 31	8 12 48
	APRIL	10 21 6	10 14 23		MAY .	{ 7 12 15 22 6 37	7 22 28 22 0 1
	MAY .	9 9 50	8 23 49		○	6 0 59	6 6 14
	JUNE .	{ 8 22 34 23 16 56	8 11 15 23 21 12		JUNE .	5 13 43	5 13 9
	JULY .	7 11 18	7 1 13		AUG. .	4 2 27	3 20 18
	○	6 0 2	5 17 33		SEPT. .	2 15 11	2 4 44
	AUG. .	5 12 46	5 11 30		○	{ 2 3 55 31 16 39	1 15 15 31 4 22
	SEPT. .	4 1 30	4 5 49		JULY .	15 11 1	15 18 42
	OCT. .	3 14 14	3 23 14		NOV. .	30 5 23	29 20 8
	NOV. .				DEC. .	29 18 7	29 13 58
	DEC. .						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 347. D. March. d. h. m. 20 23 3		d. h. m.	d. h. m.	A.D. 350. G.		d. h. m.	d. h. m.
	JAN. .	23 6 52	28 8 45		JAN. .	24 22 2	24 18 29
	FEB. .	26 19 36	27 2 57		FEB. .	23 10 46	23 5 44
	MAR. .	23 8 20	28 19 21	March. d. h. m. 20 16 29	○	{ 10 5 8	10 19 10
	APRIL	26 21 4	27 9 9		MAR. .	{ 24 23 30	24 17 39
	○	{ 11 15 26	11 7 36		APRIL	23 12 14	23 6 33
	MAY .	{ 26 9 48	26 20 18		MAY .	23 0 58	22 20 45
	JUNE .	24 22 32	25 5 21		JUNE .	21 13 42	21 11 54
	JULY .	24 11 16	24 13 16		JULY .	21 2 26	21 3 29
	AUG. .	23 0 0	22 21 8		AUG. .	19 15 10	19 18 50
	SEPT. .	21 12 44	21 5 49		○	{ 3 9 32	2 21 8
	OCT. .	21 1 28	20 15 58		SEPT. .	{ 18 3 54	18 9 24
	○	{ 4 19 50	5 2 18		OCT. .	17 16 38	17 23 0
	NOV. .	{ 19 14 12	19 4 1		NOV. .	16 5 22	16 11 36
	DEC. .	19 2 56	18 18 2		DEC. .	15 18 6	15 23 16
348. C.H. 20 4 52	JAN. .	17 15 41	17 9 50	351. F.	JAN. .	14 6 51	14 10 2
	FEB. .	16 4 25	16 2 47		FEB. .	{ 12 19 35	12 20 1
	MAR. .	16 17 9	16 20 1	20 22 18	○	{ 27 13 57	28 0 11
	APRIL	{ 15 5 53	15 12 31		MAR. .	14 8 19	14 5 31
	○	{ 30 0 15	29 21 51		APRIL	12 21 3	12 15 9
	MAY .	14 18 37	15 3 26		MAY .	12 9 47	12 1 42
	JUNE .	18 7 21	18 16 19		JUNE .	10 22 31	10 13 53
	JULY .	12 20 5	13 3 18		JULY .	10 11 15	10 4 0
	AUG. .	11 8 49	11 12 59		AUG. .	{ 8 23 59	8 19 50
	SEPT. .	9 21 33	9 22 12		○	{ 23 18 21	23 12 39
	OCT. .	9 10 17	9 7 43		SEPT. .	7 12 43	7 12 41
	NOV. .	7 23 1	7 18 0		OCT. .	7 1 27	7 5 36
	DEC. .	7 11 43	7 5 17		NOV. .	5 14 11	5 21 42
349. A. 20 10 40	JAN. .	6 0 29	5 17 38	352. E.D. 20 4 7	JAN. .	3 15 39	4 1 1
	FEB. .	4 18 18	4 7 4		FEB. .	2 4 23	2 12 11
	MAR. .	6 1 57	5 21 34		MAR. .	2 17 7	2 21 36
	APRIL	4 14 41	4 12 55		APRIL	{ 1 5 51	1 5 54
	MAY .	4 3 25	4 4 33			{ 30 18 35	30 18 52
	JUNE .	2 16 9	2 20 4		MAY .	30 7 19	29 22 28
	JULY .	{ 2 4 53	2 10 34		JUNE .	28 20 3	28 8 42
		{ 31 17 37	31 23 43		JULY .	28 8 47	27 21 21
	AUG. .	30 6 21	30 11 43		○	{ 12 3 9	12 5 15
	SEPT. .	28 19 5	28 23 0		AUG. .	{ 26 21 31	26 12 33
	OCT. .	28 7 49	28 9 51		SEPT. .	25 10 15	25 6 4
	NOV. .	26 20 33	26 20 38		OCT. .	24 22 59	25 0 35
	DEC. .	26 9 17	26 7 30		NOV. .	23 11 43	23 13 47
					DEC. .	23 0 27	23 11 27

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 353. C. March. d. h. m. 20 9 56		d. h. m.	d. h. m.	A.D. 356. G.F. March. d. h. m. 20 3 22		d. h. m.	d. h. m.
	JAN. .	21 13 12	22 1 43		JAN. .	19 4 22	19 3 15
	FEB. .	20 1 56	20 13 23		FEB. .	17 17 6	17 21 43
	MAR. .	21 14 40	21 22 44		MAR. .	18 5 50	18 15 1
	APRIL	20 3 24	20 6 27		APRIL	16 18 34	17 6 5
	MAY .	19 16 8	19 13 26		MAY .	16 7 18	16 18 32
	JUNE .	18 4 52	17 20 45		JUNE .	14 20 2	15 4 36
	○	{ 2 23 14	3 6 32		JULY .	14 8 46	14 13 7
	JULY .	{ 17 17 36	17 5 30		AUG. .	12 21 30	12 21 4
	AUG. .	16 6 20	15 16 41		SEPT. .	11 10 14	11 5 26
	SEPT. .	14 19 4	14 6 52		OCT. .	10 22 58	10 14 57
	OCT. .	14 7 43	13 23 56		NOV. .	9 11 42	9 2 6
	NOV. .	12 20 32	12 18 56		DEC. .	9 0 26	8 15 6
	DEC. .	{ 12 9 16	12 14 23				
	○	{ 27 3 38	26 23 22				
354. B. 20 15 45	JAN. .	10 22 1	11 8 38	357. E. 20 9 11	JAN. .	7 13 11	7 5 53
	FEB. .	9 10 45	10 0 20		FEB. .	6 1 55	5 22 5
	MAR. .	10 23 29	11 13 2		MAR. .	7 14 39	7 15 3
	APRIL	9 12 13	9 22 54		APRIL	{ 6 3 23	6 7 50
	MAY .	9 0 57	9 6 42		○	{ 20 21 45	20 21 58
	JUNE .	{ 7 13 41	7 13 26		MAY .	5 16 7	5 23 32
	○	{ 22 8 3	22 9 29		JUNE .	4 4 51	4 13 30
	JULY .	7 2 25	6 20 12		JULY .	3 17 35	4 1 32
	AUG. .	5 15 9	5 4 9		AUG. .	{ 2 6 19	2 11 59
	SEPT. .	4 3 53	3 14 13		SEPT. .	{ 31 19 3	31 21 35
	OCT. .	3 16 37	3 3 9		○	{ 15 2 9	14 21 26
	NOV. .	2 5 21	1 19 7		OCT. .	{ 29 20 31	29 17 9
	DEC. ○	{ 1 18 5	1 13 28		NOV. .	28 9 15	28 3 58
		{ 16 12 27	16 14 59		DEC. .	27 21 59	27 15 42
		31 6 49	31 8 58				
355. A. 20 21 33	JAN. .	29 19 33	30 3 52	358. D. 20 15 0	JAN. .	26 10 43	26 4 23
	FEB. .	23 8 17	28 20 43		FEB. .	24 23 27	24 18 4
	MAR. .	29 21 1	30 10 39		MAR. .	26 12 11	26 8 43
	APRIL	28 9 45	28 21 37		○	{ 10 6 33	10 14 57
	MAY .	27 22 29	28 6 13		APRIL	{ 25 0 55	25 0 6
	○	{ 11 16 51	11 10 19		MAY .	24 13 39	24 15 39
	JUNE .	{ 26 11 13	26 13 27		JUNE .	23 2 23	23 6 45
	JULY .	25 23 57	25 20 27		JULY .	22 15 7	22 20 49
	AUG. .	24 12 41	24 4 16		AUG. .	21 3 51	21 9 40
	SEPT. .	23 1 25	22 13 47		SEPT. .	19 16 35	19 21 31
	OCT. .	22 14 9	22 1 39		○	{ 4 10 57	3 22 34
	NOV. .	21 2 53	20 16 8		OCT. .	{ 19 5 19	19 8 44
	○	{ 5 21 15	6 5 30		NOV. .	17 18 3	17 19 41
	DEC. .	{ 20 15 37	20 8 57		DEC. .	17 6 47	17 6 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 359. c. March. d. h. m. 20 20 49		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 362. F. March. d. h. m. 20 14 15		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	15 19 32	15 17 22		JAN. .	{ 12 10 42	12 23 7
	FEB. .	14 8 16	14 4 13		○	{ 27 5 4	26 22 37
	MAR. .	{ 15 21 0	15 15 27		FEB. .	10 23 26	11 12 2
	○	{ 30 15 22	31 4 51		MAR. .	12 12 10	12 22 20
	APRIL	14 9 44	14 8 33		APRIL	11 0 54	11 6 33
	MAY .	13 22 28	13 16 52		MAY .	10 13 38	10 13 44
	JUNE .	12 11 12	12 7 29		JUNE .	9 2 22	8 20 40
	JULY .	11 23 56	11 22 58		JULY .	{ 8 15 6	8 4 31
	AUG. .	10 12 40	10 14 41		○	{ 23 9 28	23 16 11
	SEPT. .	{ 9 1 24	9 5 58		AUG. .	7 3 50	6 14 25
	○	{ 23 19 46	23 6 37		SEPT. .	5 16 34	5 3 8
	OCT. .	8 14 8	8 20 23		OCT. .	5 5 18	4 18 55
	NOV. .	7 2 52	7 9 44		NOV. .	3 18 2	3 13 12
	DEC. .	6 15 36	6 21 59		DEC. .	3 6 46	3 8 43
360. B.A. 20 2 38	JAN. .	5 4 20	5 9 11	363. E. 20 20 4	JAN. ○	{ 1 19 30	2 3 46
	FEB. .	3 17 4	3 19 25			{ 16 13 52	16 9 28
	MAR. .	4 5 43	4 4 52			{ 31 8 14	31 20 49
	APRIL	2 18 32	2 14 5		FEB. .	...	...
	MAY .	{ 2 7 16	1 23 50		MAR. .	{ 1 20 53	2 10 59
	JUNE .	{ 31 20 0	31 10 53			{ 31 9 42	31 22 6
	JULY .	30 8 44	30 0 1		APRIL	29 22 26	30 6 45
	AUG. .	29 21 23	29 15 5		MAY .	29 11 10	29 13 51
	SEPT. .	28 10 12	28 7 42		JUNE .	27 23 54	27 20 28
	OCT. .	26 22 56	27 0 56		JULY .	27 12 38	27 3 45
	NOV. .	26 11 40	26 17 49		AUG. .	26 1 22	25 12 44
	DEC. .	25 0 24	25 9 23		SEPT. .	24 14 6	24 0 16
		24 13 8	24 23 20		OCT. .	24 2 50	23 14 47
					NOV. .	22 15 34	22 8 5
					DEC. .	22 4 18	22 3 9
361. G. 20 8 26	JAN. .	23 1 53	23 11 14	364. D.C. 20 1 53	JAN. .	20 17 3	20 22 23
	○	{ 6 20 15	6 18 55		FEB. .	19 5 47	19 16 23
	FEB. .	{ 21 14 37	21 21 16		MAR. .	19 18 31	20 7 46
	MAR. .	23 3 21	23 5 51		APRIL	18 7 15	18 20 7
	APRIL	21 16 5	21 13 41		MAY .	17 19 59	18 5 48
	MAY .	21 4 49	20 21 39		○	{ 1 14 21	1 6 41
	JUNE .	19 17 33	19 6 50		JUNE .	{ 16 8 43	16 13 37
	JULY .	19 6 17	18 18 11		JULY .	15 21 27	15 20 42
	○	{ 3 0 39	3 4 46		AUG. .	14 10 11	14 4 8
	AUG. .	{ 17 19 1	17 8 12		SEPT. .	12 22 55	12 12 52
	SEPT. .	16 7 45	16 0 47		OCT. .	12 11 39	11 23 35
	OCT. .	15 20 29	15 19 5		NOV. .	{ 11 0 23	10 12 47
	NOV. .	14 9 13	14 13 49		○	{ 25 18 45	26 3 21
	DEC. .	13 21 57	14 7 32		DEC. .	10 13 7	10 4 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 365.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 368.		<i>d. h. m.</i>	<i>d. h. m.</i>
B. March.	JAN. .	9 1 52	8 21 59	F.E. March.	JAN. .	6 17 2	6 16 21
<i>d. h. m.</i>	FEB. .	7 14 36	7 16 20	<i>d. h. m.</i>	FEB. .	5 5 46	5 3 1
20 7 42	MAR. .	9 3 20	9 10 11	20 1 8	MAR. .	{ 5 18 30	5 13 44
	APRIL .	7 16 4	8 2 21		○	{ 20 12 52	21 2 45
	MAY .	{ 7. 4 48	7 16 6		APRIL .	4 7 14	4 1 2
	○	{ 21 23 10	21 14 44		MAY .	3 19 58	3 13 28
	JUNE .	5 17 32	6 3 21		JUNE .	2 8 42	2 3 19
	JULY .	5 6 16	5 12 39		JULY .	{ 1 21 26	1 18 24
	AUG. .	3 19 0	3 20 57			{ 31 10 10	31 10 13
	SEPT. .	2 7 44	2 5 12		AUG. .	29 22 54	30 2 1
	○	{ 1 20 23	1 14 15		○	{ 13 17 16	13 5 10
	OCT. .	{ 31 9 12	31 0 41		SEPT. .	{ 28 11 38	28 17 14
	○	{ 15 3 34	15 10 23		OCT. .	28 0 22	28 7 24
	NOV. .	{ 29 21 56	29 12 43		NOV. .	26 13 6	26 20 24
	DEC. .	29 10 40	29 2 31		DEC. .	26 1 50	26 8 10
366.	JAN. .	27 23 24	27 17 50	369.	JAN. .	24 14 31	24 13 47
A.	FEB. .	26 12 8	26 10 13	D.	FEB. .	23 3 18	23 4 23
20 13 31	MAR. .	28 0 52	28 2 53		○	{ 9 21 40	10 7 28
	APRIL .	26 13 36	26 19 11	20 6 57	MAR. .	{ 24 16 2	24 13 24
	○	{ 11 7 53	11 5 19		APRIL .	23 4 46	22 22 33
	MAY .	{ 26 2 20	26 10 4		MAY .	22 17 30	22 8 41
	JUNE .	24 15 4	24 23 9		JUNE .	21 6 14	20 20 35
	JULY .	24 3 43	24 10 32		JULY .	20 18 58	20 10 40
	AUG. .	22 16 32	22 20 43		AUG. .	19 7 42	19 2 42
	SEPT. .	21 5 16	21 6 26		○	{ 3 2 4	2 20 43
	OCT. .	20 18 0	20 16 23		SEPT. .	{ 17 20 26	17 19 57
	○	{ 4 12 22	4 10 52		OCT. .	17 9 10	17 13 24
	NOV. .	{ 19 6 44	19 2 53		NOV. .	15 21 54	16 6 1
	DEC. .	18 19 23	18 14 8		DEC. .	15 10 33	15 20 57
367.	JAN. .	17 8 12	17 2 10	370.	JAN. .	13 23 23	14 9 52
G.	FEB. .	15 20 56	15 15 5	C.	FEB. .	12 12 7	12 20 42
20 19 19	MAR. .	17 9 41	17 4 53	20 12 46	MAR. .	14 0 51	14 5 45
	APRIL .	15 22 25	15 19 46		APRIL .	12 13 35	12 13 40
	MAY .	15 11 9	15 11 8		MAY .	12 2 19	11 21 17
	JUNE .	13 23 53	14 2 33		JUNE .	10 15 3	10 5 37
	JULY .	13 12 37	13 17 18		JULY .	10 3 47	9 15 43
	AUG. .	12 1 21	12 7 0		AUG. .	{ 8 16 31	8 4 22
	SEPT. .	10 14 5	10 19 36		○	{ 23 10 53	23 13 6
	OCT. .	10 2 49	10 7 22		SEPT. .	7 5 15	6 19 49
	NOV. .	8 15 33	8 18 55		OCT. .	6 17 59	6 18 34
	DEC. .	8 4 17	8 5 37		NOV. .	5 6 43	5 8 27
					DEC. .	4 19 27	5 2 59

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 371.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 374.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				E.			
March.	JAN. .	8 8 11	8 19 48	March.	JAN. .	29 12 5	29 10 59
<i>d. h. m.</i>	FEB. .	1 20 56	2 10 4	<i>d. h. m.</i>	FEB. .	28 0 49	28 5 2
20 18 35	MAR. .	8 9 40	8 21 33	20 12 1	MAR. .	29 13 33	29 22 0
	APRIL	1 22 24	2 6 38		APRIL	28 2 17	28 12 58
	MAY .	{ 1 11 8	1 14 5		MAY .	27 15 1	28 1 28
		{ 30 23 52	30 20 52		JUNE .	26 8 45	26 11 46
	JUNE .	29 12 36	29 4 5		JULY .	25 16 29	25 20 37
	○	{ 14 6 58	14 13 25		AUG. .	24 5 13	24 4 58
	JULY .	{ 29 1 20	28 12 52		SEPT. .	22 17 57	22 13 45
	AUG. .	27 14 4	27 0 9		OCT. .	22 6 41	21 23 35
	SEPT. .	26 2 48	25 14 29		NOV. .	20 19 25	20 10 51
	OCT. .	25 15 32	25 7 43		DEC. .	20 8 9	19 23 43
	NOV. .	24 4 16	21 2 53				
	DEC. .	23 17 0	23 22 24	375.	JAN. .	18 20 54	18 14 7
	○	{ 7 11 22	7 8 12	D.	FEB. .	17 9 33	17 5 46
372.	JAN. .	{ 22 5 44	22 16 36	20 17 50	MAR. .	18 22 22	18 22 9
A.G.	FEB. .	20 18 23	21 8 13		APRIL	17 11 6	17 14 33
20 0 24	MAR. .	21 7 12	21 20 45		○	{ 2 5 23	2 5 33
	APRIL	19 19 56	20 6 28		MAY .	{ 16 23 50	17 6 7
	MAY .	19 8 40	19 14 9		JUNE .	15 12 34	15 20 11
	JUNE .	17 21 24	17 20 52		JULY .	15 1 18	15 8 34
	○	{ 2 15 46	2 15 58		AUG. .	13 14 2	13 19 31
	JULY .	{ 17 10 8	17 3 44		SEPT. .	12 2 46	12 5 39
	AUG. .	15 22 52	15 11 51		OCT. .	{ 11 15 30	11 15 39
	SEPT. .	14 11 36	13 22 7		○	{ 26 9 52	26 5 9
	OCT. .	14 0 20	13 11 13		NOV. .	10 4 14	10 1 53
	NOV. .	12 13 4	12 3 13		DEC. .	9 16 58	9 12 53
	DEC. .	{ 12 1 48	11 21 30				
	○	{ 26 20 10	26 23 55	376.	JAN. .	8 5 43	8 0 25
373.	JAN. .	10 14 33	10 16 49	C.B.	FEB. .	6 18 27	6 12 39
F.	FEB. .	9 3 17	9 11 30	19 23 39	MAR. .	7 7 11	7 1 44
20 6 12	MAR. .	10 16 1	11 4 8		APRIL	{ 5 19 55	5 15 46
	APRIL	9 4 45	9 17 57		○	{ 20 14 17	20 22 36
	MAY .	8 17 20	9 4 52		MAY .	5 8 39	5 6 43
	JUNE .	{ 7 6 13	7 13 31		JUNE .	3 21 23	3 22 7
	○	{ 22 0 35	21 16 54		JULY .	3 10 7	3 13 19
	JULY .	6 18 37	6 20 56		AUG. .	{ 1 22 51	2 3 47
	AUG. .	5 7 41	5 4 12			{ 31 11 35	31 17 13
	SEPT. .	3 20 25	3 12 19		SEPT. .	30 0 19	30 5 40
	OCT. .	3 9 9	2 22 7		○	{ 14 13 41	14 6 29
	NOV. .	1 21 53	1 10 7		OCT. .	{ 29 13 3	29 17 23
		{ 1 10 37	1 0 33		NOV. .	23 1 47	23 4 38
	DEC. ○	{ 16 4 59	16 14 17		DEC. .	27 14 31	27 15 30
		{ 30 23 21	30 17 6				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 377.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 380.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				E.D.			
March.	JAN. .	26 3 15	26 2 2		JAN. .	23 18 25	24 7 25
<i>d. h. m.</i>	FEB. .	24 15 59	24 12 25		○	{ 7 12 47	7 6 42
20 5 28	MAR. .	26 4 43	25 23 4	March.	FEB. .	{ 22 7 9	22 20 11
	○	{ 9 23 5	10 12 16	<i>d. h. m.</i>	MAR. .	22 19 53	23 6 17
	APRIL	{ 24 17 27	24 10 37	19 22 54	APRIL	21 8 37	21 14 18
	MAY .	24 6 11	23 23 32		MAY .	20 21 21	20 21 12
	JUNE .	22 18 55	22 13 57		JUNE .	19 10 5	19 4 2
	JULY .	22 7 39	22 5 33		JULY .	18 22 49	18 11 55
	AUG. .	20 20 23	20 21 39		○	{ 2 17 11	2 23 18
	SEPT. .	19 9 7	19 13 31		AUG. .	{ 17 11 33	16 21 52
	○	{ 4 3 29	3 14 49		SEPT. .	16 0 17	15 10 44
	OCT. .	{ 18 21 51	19 4 32		OCT. .	15 18 1	15 2 41
	NOV. .	17 10 35	17 18 21		NOV. .	14 1 45	13 21 6
	DEC. .	16 23 19	17 6 51		DEC. .	13 14 29	13 16 41
378.	JAN. .	15 12 4	15 18 1	381.	JAN. .	{ 12 3 14	12 11 44
G.	FEB. .	14 0 48	14 3 56	c.	○	{ 26 21 36	26 18 5
20 11 17	MAR. .	15 13 32	15 12 57	20 4 43	FEB. .	10 15 58	11 4 42
	APRIL	14 2 16	13 21 41		MAR. .	12 4 42	12 18 48
	MAY .	13 15 0	13 7 1		APRIL	10 17 26	11 5 41
	JUNE .	12 3 44	11 17 48		MAY .	10 6 10	10 14 13
	JULY .	11 16 28	11 6 43		JUNE .	8 18 54	8 21 17
	AUG. .	10 5 12	9 21 54		JULY .	8 7 38	8 3 59
	SEPT. .	8 17 56	8 14 49		AUG. .	6 20 22	6 11 26
	OCT. .	8 6 40	8 8 33		SEPT. .	5 9 6	4 20 33
	NOV. .	6 19 24	7 1 57		OCT. .	4 21 50	4 8 21
	DEC. .	6 8 8	6 17 53		NOV. .	3 10 34	2 22 53
					DEC. .	2 23 18	2 16 12
379.	JAN. .	4 20 53	5 8 1	382.	JAN. .	{ 1 12 2	1 11 5
F.	FEB. .	{ 3 9 37	3 19 47	B.	○	{ 31 0 46	31 6 8
20 17 5	○	{ 18 3 59	18 2 26	20 10 32	FEB. .	...	...
	MAR. .	4 22 21	5 5 32		MAR. .	{ 1 13 31	1 23 50
	APRIL	3 11 5	3 13 46		○	{ 31 2 15	31 15 2
	MAY .	2 23 49	2 21 13		APRIL	29 14 59	30 3 19
	JUNE .	1 12 33	{ 1 4 56		MAY .	29 3 43	29 13 2
	JULY .	{ 1 1 17	{ 30 13 57		○	{ 12 22 5	12 13 22
	○	{ 30 14 1	30 1 14		JUNE .	{ 27 16 27	27 21 1
	AUG. .	{ 14 8 23	14 12 26		JULY .	27 5 11	27 4 21
	SEPT. .	{ 29 2 45	28 15 22		AUG. .	25 17 55	25 12 6
	OCT. .	27 15 29	27 8 11		SEPT. .	24 6 39	23 21 8
	NOV. .	27 4 13	27 2 50		OCT. .	23 19 23	23 8 5
	DEC. .	25 16 57	25 21 53		NOV. .	22 8 7	21 21 19
		25 5 41	25 15 43		○	{ 7 2 29	7 12 2
					DEC. .	{ 21 20 51	21 12 46

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 383. A. March. <i>d. h. m.</i> 20 16 21		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 386. D. March. <i>d. h. m.</i> 20 9 47		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	20 9 35	20 5 54		JAN. .	17 0 45	17 1 12
	FEB. .	18 22 19	18 23 47		FEB. .	15 13 29	15 11 24
	MAR. .	20 11 8	20 17 15		MAR. .	17 2 13	16 21 35
	APRIL	18 23 47	19 9 13		○	31 20 35	1 10 11
	MAY .	18 12 31	18 22 56		APRIL	15 14 57	15 8 21
	○	2 6 53	1 21 51		MAY .	15 3 41	14 20 17
	JUNE .	17 1 15	17 10 22		JUNE .	13 16 25	13 9 49
	JULY .	16 13 59	16 20 0		JULY .	13 5 9	13 0 55
	AUG. .	15 2 43	15 4 41		AUG. .	11 17 53	11 17 0
	SEPT. .	13 15 27	13 13 23		SEPT. .	10 6 37	10 9 20
	OCT. .	13 4 11	12 22 48		○	25 0 59	24 13 20
	NOV. .	11 16 55	11 9 26		OCT. .	9 19 21	10 1 9
	○	23 11 17	26 18 34		NOV. .	8 8 5	8 15 51
	DEC. .	11 5 39	10 21 29		DEC. .	7 20 49	8 5 10
384. G.F. 19 22 10	JAN. .	9 18 24	9 10 53	387. C. 20 15 36	JAN. .	6 9 34	6 17 1
	FEB. .	8 7 8	8 1 46		FEB. .	4 22 18	5 3 25
	MAR. .	8 19 52	8 17 34		MAR. .	6 11 2	6 12 38
	APRIL	7 8 36	7 9 50		○	21 5 24	21 14 39
	MAY .	6 21 20	7 1 47		APRIL	4 23 46	4 21 11
	○	21 15 42	21 12 48		MAY .	4 12 30	4 5 53
	JUNE .	5 10 4	5 16 39		JUNE .	3 1 14	2 15 40
	JULY .	4 22 48	5 6 1		JULY .	2 13 58	2 8 23
	AUG. .	3 11 32	3 17 50		AUG. .	1 2 42	31 17 26
	SEPT. .	2 0 16	2 4 35		○	30 15 26	30 9 42
	○	1 13 0	1 14 50		SEPT. .	14 9 48	14 4 55
	OCT. .	31 1 44	31 1 10		OCT. .	29 4 10	29 3 24
	○	14 20 6	14 18 45		NOV. .	23 16 54	23 21 21
	NOV. .	29 14 28	29 11 51		DEC. .	27 5 33	27 14 22
	DEC. .	29 3 12	28 28 0			26 18 22	27 5 33
385. K. 20 8 53	JAN. .	27 15 56	27 10 40	388. H.A. 19 21 23	JAN. .	25 7 6	25 18 26
	FEB. .	26 4 41	25 23 1		FEB. .	23 19 50	24 5 3
	MAR. .	27 17 25	27 12 16		MAR. .	24 8 34	24 13 46
	APRIL	26 6 9	26 2 33		APRIL	22 21 18	22 21 20
	MAY .	25 18 53	25 17 38		MAY .	22 10 2	22 4 39
	JUNE .	24 7 37	24 9 2		JUNE .	20 22 46	20 12 47
	JULY .	23 20 21	24 0 3		JULY .	20 11 30	19 22 48
	AUG. .	22 9 5	22 14 18		AUG. .	19 0 14	18 11 31
	SEPT. .	20 21 49	21 3 31		○	2 18 36	2 21 3
	OCT. .	20 10 33	20 15 51		SEPT. .	17 12 58	17 3 10
	NOV. .	18 23 17	19 3 29		OCT. .	17 1 42	16 21 11
	DEC. .	18 12 1	18 14 36		NOV. .	15 14 26	15 16 22
					DEC. .	15 3 10	15 11 8

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 389.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 392.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.				D.C.			
March.	JAN. .	13 15 55	14 4 3	March.	JAN. .	11 7 5	11 1 12
<i>d. h. m.</i>	FEB. .	12 4 39	12 18 15	<i>d. h. m.</i>	FEB. .	9 19 49	9 18 37
20 3 13	MAR. .	13 17 23	14 5 31	19 20 40	MAR. .	10 8 33	10 12 14
	APRIL	12 6 7	12 14 21		APRIL	8 21 17	9 4 55
	MAY .	11 18 51	11 21 36		MAY .	8 10 1	8 19 45
	JUNE .	10 7 35	10 4 17		JUNE .	6 22 45	7 8 22
	JULY .	9 20 19	9 11 30		JULY .	6 11 29	6 18 57
	AUG. .	8 9 3	7 20 20		AUG. .	5 0 13	5 4 13
	SEPT. .	6 21 47	6 7 45		SEPT. .	3 12 57	3 13 1
	OCT. .	6 10 31	5 22 15		OCT. .	3 1 41	2 22 13
	NOV. .	4 23 15	4 15 33		NOV. .	1 14 25	1 8 21
	DEC. .	4 11 59	4 10 50		DEC. .	1 3 9	30 19 42
						30 15 53	30 8 20
390.	JAN. .	3 0 44	3 6 21				
F.	○	17 19 6	17 16 58	393.	JAN. .	29 4 38	28 22 17
	FEB. .	1 13 28	2 0 28	B.	FEB. .	27 17 22	27 13 21
20 9 2	MAR. .	3 2 12	3 15 57	20 2 29	MAR. .	29 6 6	29 5 11
	APRIL	1 14 56	2 4 20		APRIL	27 13 50	27 21 12
	MAY .	1 3 40	1 13 55		○	12 13 12	12 13 6
	JUNE .	30 16 24	30 21 34		MAY .	27 7 34	27 12 39
	○	29 5 8	29 4 21		JUNE .	25 20 18	26 2 53
	JULY .	13 23 30	13 22 30		JULY .	25 9 2	25 15 40
	○	28 17 52	28 11 23		AUG. .	23 21 40	24 3 9
	AUG. .	27 6 36	26 19 43		SEPT. .	22 10 30	22 13 50
	SEPT. .	25 19 20	25 6 12		OCT. .	21 23 14	22 0 17
	OCT. .	25 8 4	24 19 25		○	5 17 36	5 13 0
	NOV. .	23 20 48	23 11 24		NOV. .	20 11 53	20 10 55
	DEC. .	23 9 32	23 5 33		DEC. .	20 0 42	19 21 50
	○	7 3 54	7 8 43	394.	JAN. .	18 13 26	18 9 5
391.	JAN. .	21 22 16	22 0 33	A.	FEB. .	17 2 10	16 20 48
B.	FEB. .	20 11 0	20 18 57		MAR. .	18 14 54	18 9 15
20 14 51	MAR. .	21 23 44	22 11 24	20 8 18	APRIL	17 3 38	16 22 45
	APRIL	20 12 28	21 1 6		○	1 22 0	2 6 8
	MAY .	20 1 12	20 12 1		MAY .	16 16 22	16 13 16
	JUNE .	18 13 56	18 20 48		JUNE .	15 5 6	15 4 32
	○	3 8 18	2 23 31		JULY .	14 17 50	14 19 55
	JULY .	16 15 24	16 12 3		AUG. .	13 6 34	13 10 50
	AUG. .	15 4 8	14 20 30		SEPT. .	11 19 18	12 0 52
	SEPT. .	14 16 52	14 6 34		OCT. .	11 8 2	11 13 55
	OCT. .	13 5 36	12 18 41		○	26 2 24	25 14 31
	NOV. .	12 18 20	12 8 59		NOV. .	9 20 46	10 2 7
	DEC. .	27 12 42	27 23 0		DEC. .	9 9 30	9 13 35
	○						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 395.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 398.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.	JAN. .	7 22 14	8 0 23	c.	JAN. .	4 13 25	5 0 0
March.	FEB. .	6 10 59	6 10 37		FEB. .	{ 3 2 9	3 15 35
<i>d. h. m.</i>	MAR. .	7 23 43	7 20 30	March.	○	{ 17 20 31	17 14 42
20 14 6	APRIL	{ 6 12 27	6 6 36	<i>d. h. m.</i>	MAR. .	4 14 53	5 4 13
	○	{ 21 6 49	21 19 36	20 7 33	APRIL	3 3 37	3 14 4
	MAY .	6 1 11	5 17 33		MAY .	2 16 21	2 21 54
	JUNE .	4 13 55	4 6 11		JUNE .	{ 1 5 5	1 4 41
	JULY .	4 2 39	3 20 23		{ 30 17 49	30 11 23	30 11 23
	AUG. .	2 15 23	2 12 14		JULY .	30 6 33	29 19 25
	SEPT. .	{ 1 4 7	1 4 47		○	{ 14 0 55	14 6 32
	○	{ 30 16 51	30 21 13		AUG. .	{ 23 19 17	23 5 31
	OCT. .	{ 15 11 13	14 23 12		SEPT. .	27 8 1	26 18 31
	NOV. .	{ 30 5 35	30 12 43		OCT. .	26 20 45	26 10 35
	DEC. .	28 18 19	29 3 2		NOV. .	25 9 29	25 5 4
		28 7 3	28 15 41		DEC. .	24 22 13	25 0 33
396.	JAN. .	26 19 43	27 2 44	399.	JAN. .	23 10 53	23 19 35
F.E.	FEB. .	25 8 32	25 12 19	b.	○	{ 7 5 20	7 2 35
19 19 53	MAR. .	25 21 16	25 20 55		FEB. .	{ 21 23 42	22 12 26
	APRIL	24 10 0	24 5 13	20 13 22	MAR. .	23 12 26	24 2 17
	MAY .	23 22 44	23 14 9		APRIL	22 1 10	22 13 8
	JUNE .	22 11 23	22 0 41		MAY .	21 13 54	21 21 37
	JULY .	22 0 12	21 13 32		JUNE .	20 2 33	20 4 43
	AUG. .	20 12 56	20 4 50		JULY .	19 15 22	19 11 34
	SEPT. .	19 1 40	18 22 7		AUG. .	18 4 6	17 19 15
	OCT. .	18 14 24	18 16 18		SEPT. .	16 16 50	16 4 41
	NOV. .	17 3 8	17 10 8		OCT. .	16 5 34	15 16 35
	DEC. .	16 15 52	17 2 23		NOV. .	14 18 18	14 7 14
					DEC. .	14 7 2	14 0 21
397.	JAN. .	15 4 36	15 16 33	400.	JAN. .	12 19 46	12 13 57
d.	FEB. .	{ 13 17 20	14 4 11	a.g.	FEB. .	11 8 30	11 13 41
20 1 44	○	{ 28 11 42	28 9 54	19 19 11	MAR. .	11 21 14	12 7 7
	MAR. .	15 6 4	15 13 33		APRIL	10 9 53	10 22 9
	APRIL	13 18 43	13 21 31		MAY .	9 22 42	10 10 25
	MAY .	13 7 32	13 4 42		JUNE .	{ 8 11 26	8 20 14
	JUNE .	11 20 16	11 12 11		○	{ 23 5 43	22 20 4
	JULY .	11 9 0	10 21 6		JULY .	8 0 10	8 4 26
	AUG. .	{ 9 21 44	9 8 25		AUG. .	6 12 54	6 12 5
	○	{ 21 16 6	24 20 11		SEPT. .	5 1 33	4 20 6
	SEPT. .	8 10 23	7 22 41		OCT. .	4 14 22	4 5 32
	OCT. .	7 23 12	7 15 45		NOV. .	3 3 6	2 16 41
	NOV. .	6 11 56	6 10 39		{ 2 15 50	2 5 53	2 5 53
	DEC. .	6 0 40	6 5 56		DEC. ○	{ 17 10 12	17 20 39
					...		31 21 3

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (+ Full Rel.)	True New Moon. (+ Full Rel.)	Mean Vernal Equinox.	Month.	Mean New Moon. (+ Full Rel.)	True New Moon. (+ Full Rel.)
A.D. 401. v.		d. h. m.	d. h. m.	A.D. 404. v.		d. h. m.	d. h. m.
	JAN. .	{ 1 4 35 19 17 19	...	March. d. h. m. 19 18 20	JAN. .	{ 29 9 29 20 21 18	29 9 55 20 19 42
March. d. h. m. 20 0 59	FEB. .	...	...		MAR. .	{ 27 9 57 11 4 19	27 5 21 11 17 29
	MAR. .	{ 1 6 8 19 18 47	1 7 8 21 0 12		APRIL.	{ 25 22 41 25 11 25	25 15 31 25 8 6
	APRIL.	{ 29 7 31 29 20 15	29 15 57 29 5 44		MAY. .	{ 21 0 9 23 12 53	21 16 24 23 7 31
	MAY. .	{ 12 14 37 27 8 59	12 5 0 27 17 21		JUNE.	{ 23 1 37 20 14 21	23 23 59 20 16 48
	JUNE.	{ 20 21 43 25 10 27	27 8 21 25 12 31		JULY.	{ 5 6 43 29 3 5	4 21 41 29 6 10
	AUG. .	{ 23 23 11 23 11 55	23 21 43 23 7 31		AUG. .	{ 16 15 49 16 4 33	19 0 22 16 13 57
	SEPT. .	{ 22 0 30 6 19 1	21 18 19 7 2 45	405. v.	SEP. .	{ 16 17 17 15 6 1	17 1 46 15 11 54
	OCT. .	{ 21 13 23 20 2 7	21 6 14 19 19 20	20 0 15	OCT. .	{ 16 18 45 31 18 7	16 20 43 31 21 37
402. v. 20 0 48	NOV. .	{ 18 14 51 20 3 35	18 9 34 20 0 47		NOV. .	{ 15 7 29 14 20 13	15 4 51 14 13 9
	DEC. .	{ 18 16 10 18 5 8	18 16 34 18 8 15		DEC. .	{ 13 8 57 12 21 41	12 22 39 12 10 12
	JAN. .	{ 1 23 25 16 17 47	1 20 12 16 23 12		JAN. .	{ 11 10 25 9 23 9	11 0 21 9 16 52
	FEB. .	{ 16 6 31 14 19 15	16 12 54 15 1 14		FEB. .	{ 9 23 9 21 17 31	9 16 52 21 13 16
	MAR. .	{ 18 7 50 12 20 43	18 12 32 12 21 19		MAR. .	{ 8 0 37 7 13 21	8 5 20 7 23 42
	APRIL.	{ 11 9 27 26 3 49	11 10 0 26 2 40	406. v.	APRIL.	{ 6 2 6 4 14 50	6 14 3 5 2 52
	MAY. .	{ 10 22 11 9 10 56	10 20 49 9 7 49	20 6 4	MAY. .	{ 4 14 50 6 3 34	5 2 52 6 13 14
	JUNE.	{ 7 23 40 9 12 34	7 19 2 9 6 49		JUNE.	{ 20 21 56 4 16 18	20 21 47 4 21 40
403. v. 20 12 37	JULY.	{ 8 1 8 7 18 52	7 19 37 7 9 14		JULY.	{ 2 6 30 31 19 14	2 1 30 31 6 3
	AUG. .	{ 6 2 30 5 15 20	6 0 8 5 15 29		AUG. .	{ 14 2 30 26 20 42	14 5 10 26 10 41
	SEPT. .	{ 2 5 32 31 18 16	2 11 32 1 0 24		SEPT. .	{ 24 9 26 26 22 10	24 4 56 27 0 20
	OCT. .	{ 30 7 0 29 19 44	30 12 22 29 23 32		OCT. .	{ 26 10 54 26 10 54	26 0 20 26 19 15

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 407. F. March. <i>d. h. m.</i> 20 11 52		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 410. B. March. <i>d. h. m.</i> 20 5 19		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	24 23 39	25 12 12		○	{ 6 20 27	7 7 40
	FEB. .	23 12 23	24 2 16		JAN. .	{ 21 14 49	21 9 15
	MAR. .	25 1 7	25 13 21		FEB. .	20 3 33	20 2 10
	APRIL	23 13 51	23 22 0		MAR. .	21 16 17	21 19 17
	MAY .	23 2 35	23 5 6		APRIL	20 5 1	20 11 39
	JUNE .	21 15 19	21 11 43		MAY .	19 17 45	20 2 7
	JULY .	21 4 3	20 19 0		JUNE .	18 6 29	18 15 14
	AUG. .	19 16 47	19 3 58		JULY .	17 19 13	18 2 11
	SEPT. .	18 5 31	17 15 32		AUG. .	16 7 57	16 11 53
	OCT. .	17 18 15	17 6 10		SEPT. .	14 20 41	14 21 12
	NOV. .	16 6 59	15 23 36		OCT. .	14 9 25	14 6 49
	DEC. .	15 19 43	15 18 48		NOV. .	12 22 9	12 17 13
					DEC. .	12 10 53	12 4 34
408. E.D. 19 17 41	JAN. .	{ 14 8 27	14 14 12	411. A. 20 11 8	JAN. .	10 23 37	10 16 56
	○	{ 29 2 49	29 1 36		FEB. .	9 12 21	9 6 21
	FEB. .	12 21 11	13 8 10		MAR. .	11 1 5	10 20 47
	MAR. .	13 9 55	13 23 30		APRIL	9 18 49	9 12 4
	APRIL	11 22 39	12 11 45		MAY .	{ 9 2 33	9 3 43
	MAY .	11 11 23	11 21 16		○	{ 23 20 55	23 20 34
	JUNE .	10 0 7	10 4 56		JUNE .	7 15 17	7 19 6
	JULY .	{ 9 12 51	9 11 53		JULY .	7 4 1	7 9 35
	○	{ 24 7 13	24 5 7		AUG. .	5 16 45	5 22 49
	AUG. .	8 1 35	7 19 8		SEPT. .	4 5 29	4 10 53
	SEPT. .	6 14 19	6 3 42		OCT. .	3 18 13	3 22 8
	OCT. .	6 3 3	5 14 25		NOV. .	{ 2 6 57	2 9 2
	NOV. .	4 15 47	4 3 44		○	{ 17 1 19	16 20 53
	DEC. .	4 4 31	3 19 39		DEC. .	{ 1 19 41	1 19 53
						{ 31 8 25	31 6 45
409. C. 19 23 30	JAN .	{ 2 17 16	2 13 32	412. G.F. 19 16 57	JAN. .	29 21 10	29 17 40
	○	{ 17 11 38	17 17 36		FEB. .	23 9 54	23 4 50
	FEB. .	1 6 0	1 8 15		MAR. .	23 22 38	23 16 42
	MAR. .	2 18 44	3 2 19		APRIL	27 11 22	27 5 38
	APRIL	{ 1 7 28	1 18 31		○	{ 12 5 44	12 13 39
		{ 30 20 12	{ 1 8 7		MAY .	{ 27 0 6	26 19 48
	MAY .	30 8 56	30 19 8		JUNE .	25 12 50	25 10 59
	JUNE .	23 21 40	29 4 7		JULY .	25 1 34	25 2 37
	○	{ 13 16 2	13 6 15		AUG. .	23 14 18	23 18 0
	JULY .	{ 23 10 24	23 12 4		SEPT. .	22 3 2	22 8 38
	AUG. .	26 23 8	26 20 2		OCT. .	21 15 46	21 22 16
	SEPT. .	25 11 52	25 4 51		○	{ 5 10 8	4 22 41
	OCT. .	25 0 36	24 15 11		NOV. .	{ 20 4 30	20 10 54
	NOV. .	23 13 20	23 3 21		DEC. .	19 17 14	19 22 31
	DEC. .	23 2 4	22 17 28				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 413.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 416.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	18 5 58	18 9 12		JAN. .	15 21 8	16 8 4
<i>d. h. m.</i>	FEB. .	16 18 42	16 19 3		FEB. .	{ 14 9 52	14 23 36
19 22 45	MAR. .	18 7 27	18 4 28	March.	○	{ 29 4 14	28 22 35
	APRIL	16 20 11	16 14 3	<i>d. h. m.</i>	MAR. .	14 22 36	15 12 3
	○	{ 1 14 33	2 2 47	19 16 12	APRIL	13 11 20	13 21 44
	MAY .	{ 16 8 55	16 0 36		MAY .	13 0 4	13 5 25
	JUNE .	14 21 39	14 12 51		JUNE .	11 12 48	11 12 6
	JULY .	14 10 23	14 3 6		JULY .	11 1 32	10 18 57
	AUG. .	12 23 7	12 19 3		AUG. .	{ 9 14 16	9 3 1
	SEPT. .	11 11 51	11 12 1		○	{ 24 8 38	24 13 51
	OCT. .	{ 11 0 35	11 4 59		SEPT. .	8 3 0	7 13 17
	○	{ 25 18 57	25 7 42		OCT. .	7 15 44	7 2 26
	NOV. .	9 13 19	9 21 6		NOV. .	6 4 28	5 18 35
	DEC. .	9 2 3	9 11 42		DEC. .	5 17 12	5 13 3
414.	JAN. .	7 14 47	8 0 27	417.	JAN. .	4 5 57	4 8 33
D.	FEB. .	6 3 31	6 11 18	G.	FEB. .	{ 2 13 41	3 8 19
20 4 34	MAR. .	7 16 15	7 20 34		○	{ 17 13 3	17 10 57
	APRIL	6 4 59	6 4 44	19 22 1	MAR. .	4 7 25	4 19 58
	MAY .	5 17 43	5 12 38		APRIL	2 20 9	3 9 41
	JUNE .	4 6 27	3 21 15		MAY .	{ 2 8 53	2 20 28
	JULY .	3 19 11	3 7 36		○	{ 31 21 37	{ 1 4 56
	○	{ 2 7 55	1 20 26		JUNE .	30 10 21	{ 30 12 9
	AUG. .	{ 31 20 39	31 11 55		JULY .	29 23 5	29 19 14
	SEPT. .	30 9 23	30 5 30		AUG. .	28 11 49	28 3 12
	OCT. .	29 22 7	30 0 6		SEPT. .	27 0 33	26 12 53
	NOV. .	28 10 51	28 13 19		OCT. .	26 13 17	26 0 56
	DEC. .	27 23 35	28 10 53		NOV. .	25 2 1	24 15 34
415.	JAN. .	26 12 20	27 1 0		DEC. .	24 14 45	24 8 29
C.	FEB. .	25 1 4	25 12 28	418.	JAN. .	23 3 30	23 2 47
20 10 23	○	{ 11 19 26	11 17 12	F.	FEB. .	21 16 14	21 21 8
	MAR. .	{ 26 13 43	26 21 37	20 3 50	MAR. .	23 4 58	23 14 14
	APRIL	25 2 32	25 5 12		APRIL	21 17 42	22 5 8
	MAY .	24 15 16	24 12 9		MAY .	21 6 26	21 17 25
	JUNE .	23 4 0	22 19 29		JUNE .	19 19 10	20 3 25
	JULY .	22 16 44	22 4 23		JULY .	19 7 54	19 11 54
	AUG. .	21 5 28	20 15 46		AUG. .	17 20 38	17 19 56
	○	{ 4 23 50	5 4 5		SEPT. .	16 9 22	16 4 26
	SEPT. .	{ 19 18 12	19 6 10		OCT. .	15 22 6	15 14 6
	OCT. .	19 6 56	18 23 25		NOV. .	14 10 50	14 1 24
	NOV. .	17 19 40	17 13 33		DEC. .	{ 13 23 34	13 14 29
	DEC. .	17 8 24	17 13 59		○	{ 28 17 56	29 5 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (☾ Full Ecl.)	True New Moon. (☾ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (☾ Full Ecl.)	True New Moon. (☾ Full Ecl.)
A.D. 419.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 422.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				A.			
March.	JAN. .	12 12 18	12 5 17	March.	JAN. .	9 8 28	9 8 24
<i>d. h. m.</i>	FEB. .	11 1 2	10 21 28	<i>d. h. m.</i>	FEB. .	7 16 12	7 18 30
20 9 29	MAR. .	12 13 46	12 14 20	20 8 5	MAR. .	9 4 56	9 8 51
	APRIL .	11 2 30	11 7 0		APRIL .	7 17 40	7 12 59
	MAY .	10 15 14	10 22 35	☾	22 12 2	23 0 35	
	JUNE .	9 8 58	9 12 27	MAY .	7 6 24	6 22 44	
	☾	23 22 20	23 12 10	JUNE .	5 19 8	5 9 53	
	JULY .	8 16 42	8 0 25	JULY .	5 7 52	4 28 8	
	AUG. .	7 5 26	7 10 53	AUG. .	8 20 36	8 14 15	
	SEPT. .	5 18 10	5 20 33	SEPT. .	2 9 20	2 6 59	
	OCT. .	5 6 54	5 6 11	☾	1 22 4	2 0 20	
	NOV. .	3 19 38	3 16 18	OCT. ☾	16 16 26	16 6 9	
	DEC. .	3 8 22	3 8 13	☾	31 10 48	31 17 16	
	☾	18 2 44	18 10 55	NOV. .	29 23 32	30 8 52	
				DEC. .	29 12 16	29 22 39	
420.				423.			
D.C.	JAN. .	1 21 7	1 14 59	o.	JAN. .	28 1 1	28 10 24
	☾	31 9 51	31 8 39	20 8 51	FEB. .	26 13 45	26 20 17
19 15 27	FEB. .	29 22 35	29 17 17		MAR. .	28 2 29	28 4 48
	MAR. .	30 11 19	30 7 53	☾	11 20 51	12 4 29	
	APRIL .	29 0 8	29 23 12	APRIL .	26 15 13	26 12 28	
	MAY .	29 12 47	29 14 43	MAY .	26 8 57	25 20 23	
	☾	12 7 9	12 8 37	JUNE .	24 16 41	24 5 41	
	JUNE .	27 1 31	27 5 48	JULY .	24 5 25	23 17 11	
	JULY .	26 14 15	26 19 51	AUG. .	22 18 9	22 7 21	
	AUG. .	25 2 59	25 8 44	SEPT. .	21 6 53	21 0 10	
	SEPT. .	23 15 43	23 20 39	☾	6 1 15	5 21 46	
	OCT. .	23 4 27	23 7 56	OCT. .	20 19 37	20 18 37	
	NOV. .	21 17 11	21 18 50	NOV. .	19 8 21	19 13 22	
	☾	6 11 33	6 10 39	DEC. .	18 21 5	19 7 2	
	DEC. .	21 5 55	21 5 46				
421.				424.			
B.	JAN. .	19 18 40	19 16 33	V.R.	JAN. .	17 9 49	17 22 27
19 21 16	FEB. .	18 7 24	18 8 20	19 14 43	FEB. .	15 22 33	16 11 10
	MAR. .	19 20 8	19 14 30		MAR. .	16 11 18	16 21 18
	APRIL .	18 8 52	18 2 33	☾	31 5 40	31 4 46	
	MAY .	17 21 39	17 15 54	APRIL .	15 0 2	15 5 26	
	JUNE .	16 10 20	16 6 32	MAY .	14 12 46	14 12 27	
	JULY .	15 23 4	15 22 5	JUNE .	13 1 30	12 19 23	
	AUG. .	14 11 48	14 13 50	JULY .	12 14 14	12 8 21	
	SEPT. .	13 0 32	13 5 12	AUG. .	11 2 58	10 13 24	
	OCT. .	12 13 16	12 19 40	SEPT. .	9 15 42	9 2 20	
	NOV. .	11 2 0	11 9 2	☾	24 10 4	24 13 23	
	DEC. .	10 14 44	10 21 16	OCT. .	9 4 26	8 18 19	
				NOV. .	7 17 10	7 12 46	
				DEC. .	7 5 54	7 8 21	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 425.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 428.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				A.G.			
March.	JAN. .	5 18 38	6 3 18	March.	JAN. .	3 9 48	3 1 54
<i>d. h. m.</i>	FEB. .	4 7 22	4 20 10	<i>d. h. m.</i>	○	{ 18 4 10	18 16 11
19 20 31	MAR. .	5 20 6	6 10 7	19 13 58	FEB. .	1 22 32	1 17 12
	APRIL	4 8 50	4 21 2		MAR. .	2 11 16	2 9 32
	MAY .	3 21 34	4 5 31		APRIL	{ 1 0 0	1 2 11
	JUNE .	2 10 18	2 12 32			{ 30 12 41	30 18 17
	JULY .	{ 1 23 2	1 19 11		MAY .	30 1 28	30 9 5
		{ 31 11 46	31 2 34		JUNE .	28 14 12	28 22 6
	AUG. .	30 0 30	29 11 44		○	{ 13 8 34	12 20 32
	SEPT. .	28 13 14	27 23 28		JULY .	{ 28 2 56	28 9 27
	OCT. .	28 1 58	27 14 13		AUG. .	26 15 40	26 19 41
	NOV. .	26 14 42	26 7 38		SEPT. .	25 4 24	25 5 30
	DEC. .	26 3 26	26 2 46		OCT. .	24 17 8	24 15 38
					NOV. .	23 5 52	23 2 8
					DEC. .	22 18 36	22 13 24
426.	JAN. .	24 16 11	24 22 0	429.	JAN. .	21 7 21	21 1 26
C.	○	{ 8 10 33	8 10 10	F.	FEB. .	19 20 5	19 14 18
20 2 20	FEB. .	{ 23 4 55	23 15 44	19 19 47	MAR. .	21 8 49	21 4 7
	MAR. .	24 17 39	25 6 54		APRIL	19 21 33	19 18 52
	APRIL	23 6 23	23 19 3		MAY .	19 10 17	19 10 14
	MAY .	22 19 7	23 4 35		○	{ 3 4 39	3 4 1
	JUNE .	21 7 51	21 12 20		JUNE .	{ 17 23 1	18 1 36
	JULY .	20 20 35	20 19 28		JULY .	17 11 45	17 16 21
	○	{ 4 14 57	4 11 50		AUG. .	16 0 29	16 6 5
	AUG. .	{ 19 9 19	19 3 0		SEPT. .	14 13 13	14 18 44
	SEPT. .	17 22 3	17 11 53		OCT. .	14 1 57	14 6 34
	OCT. .	17 10 47	16 22 48		NOV. .	{ 12 14 41	12 17 53
	NOV. .	15 23 31	15 12 11		○	{ 27 9 3	27 4 53
	DEC. .	15 12 15	15 3 56		DEC. .	12 3 25	12 4 52
427.	JAN. .	{ 14 0 59	13 21 29	430.	JAN. .	10 16 9	10 15 35
B.	○	{ 28 19 21	29 2 17	E.	FEB. .	9 4 53	9 2 7
20 8 9	FEB. .	12 13 43	12 15 46	20 1 36	MAR. .	10 17 37	10 12 46
	MAR. .	14 2 28	14 9 29		APRIL	9 6 21	9 0 2
	APRIL	12 15 12	13 1 28		MAY .	{ 8 19 5	8 12 26
	MAY .	12 3 56	12 15 3		○	{ 23 13 27	23 20 58
	JUNE .	10 16 40	11 2 12		JUNE .	7 7 49	7 2 19
	JULY .	{ 10 5 24	10 11 28		JULY .	6 20 33	6 17 28
	○	{ 24 23 46	24 13 4		AUG. .	5 9 17	5 9 21
	AUG. .	8 18 8	8 19 47		SEPT. .	3 22 1	4 1 15
	SEPT. .	7 6 52	7 4 9		OCT. .	3 10 45	3 16 30
	OCT. .	6 19 36	6 13 21		NOV. .	{ 1 23 29	2 6 42
	NOV. .	5 8 20	4 23 54		○	{ 16 17 51	16 6 57
	DEC. .	4 21 4	4 12 5		DEC. .	{ 1 12 13	1 19 41
						{ 31 0 57	31 7 24

JERUSALEM CIVIL TIME.

n al ox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
1.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 434. G.		<i>d. h. m.</i>	<i>d. h. m.</i>
ch.	JAN. .	29 13 41	29 17 53		JAN. .	26 4 52	26 16 2
. m.	FEB. .	28 2 26	28 3 23		FEB. .	24 17 36	25 7 26
' 21	MAR. .	29 15 10	29 12 19	March. <i>d. h. m.</i>	○	{ 11 11 58	11 6 21
	APRIL	28 3 54	27 21 24	20 0 51	MAR. .	{ 26 6 20	26 19 45
	○	{ 12 22 16	13 9 52		APRIL	24 19 4	25 5 17
	MAY .	{ 27 16 38	27 7 34		MAY .	24 7 48	24 12 51
	JUNE .	26 5 22	25 19 33		JUNE .	22 20 32	22 19 34
	JULY .	25 18 6	25 9 47		JULY .	22 9 16	22 2 31
	AUG. .	24 6 50	24 1 57		AUG. .	20 22 0	20 10 46
	SEPT. .	22 19 34	22 19 20		○	{ 4 16 22	4 21 16
	OCT. .	22 8 18	22 12 52		SEPT. .	{ 19 10 44	18 21 14
	○	{ 6 2 40	5 16 19		OCT. .	18 23 28	18 10 32
	Nov. .	{ 20 21 2	21 5 27		Nov. .	17 12 12	17 2 43
	DEC. .	20 9 46	20 20 20		DEC. .	17 0 56	16 21 5
2.				435.			
B.	JAN. .	18 22 31	19 9 7	F.	JAN. .	15 13 40	15 16 21
8 13	FEB. .	17 11 15	17 19 46		FEB. .	{ 14 2 24	14 10 53
	MAR. .	17 23 59	18 4 41		○	{ 28 20 46	28 19 12
	APRIL	16 12 43	16 12 29	20 6 40	MAR. .	15 15 9	16 3 21
	MAY .	16 1 27	15 20 1		APRIL	14 3 53	14 16 58
	JUNE .	14 14 11	14 4 24		MAY .	13 16 37	14 3 41
	JULY .	14 2 55	13 14 38		JUNE .	12 5 21	12 12 15
	AUG. .	12 15 39	12 3 29		JULY .	11 18 5	11 19 40
	SEPT. .	11 4 23	10 19 9		AUG. .	{ 10 6 49	10 3 1
	OCT. .	10 17 7	10 18 3		○	{ 25 1 11	24 23 34
	Nov. .	9 5 51	9 8 2		SEPT. .	8 19 33	8 11 18
	DEC. .	8 18 35	9 2 31		OCT. .	8 8 17	7 21 16
					Nov. .	6 21 1	6 9 26
					DEC. .	6 9 45	5 23 59
13.							
9 2	JAN. .	7 7 19	7 19 13		JAN. .	4 22 29	4 16 36
	FEB. .	5 20 3	6 9 16		FEB. .	3 11 13	3 10 26
	MAR. .	{ 7 8 47	7 20 33	436.	MAR. .	3 23 57	4 4 23
	○	{ 22 8 9	22 0 22	E.D.	APRIL	2 12 41	2 21 12
	APRIL	5 21 31	6 5 27	19 12 29	MAY .	{ 2 1 25	2 12 0
	MAY .	5 10 15	5 12 48			{ 31 14 9	{ 1 0 22
	JUNE .	3 22 59	3 19 32		JUNE .	30 2 53	{ 30 10 35
	JULY .	3 11 43	3 2 50		JULY .	29 15 37	29 19 27
	AUG. .	{ 2 0 27	1 11 45		AUG. .	28 4 21	28 3 54
	○	{ 31 13 11	30 23 14		SEPT. .	26 17 5	26 12 43
	SEPT. .	{ 15 7 33	15 12 4		OCT. .	26 5 49	25 22 47
	OCT. .	{ 30 1 55	29 13 48		Nov. .	24 18 33	24 10 9
	Nov. .	28 3 23	28 2 29		DEC. .	24 7 17	23 23 5
	DEC. .	27 16 7	27 21 59				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 437. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 440. G.F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March.	○	{ 8 1 39	8 13 43	March.	JAN. .	20 11 12	20 17 12
<i>d. h. m.</i>	JAN. .	{ 22 20 1	22 13 28	<i>d. h. m.</i>	FEB. .	18 23 56	19 2 58
19 18 17	FEB. .	21 8 46	21 5 5	19 11 44	MAR. .	19 12 40	19 11 53
	MAR. .	22 21 30	22 21 24		APRIL	18 1 24	17 20 32
	APRIL	21 10 14	21 13 42	○	{ 2 19 46	3 7 37	
	MAY .	20 22 58	21 5 10	MAY .	{ 17 14 8	17 5 50	
	JUNE .	19 11 42	19 19 11	JUNE .	16 2 52	15 16 43	
	○	{ 4 6 4	3 19 25	JULY .	15 15 36	15 5 45	
	JULY .	{ 19 0 26	19 7 30	AUG. .	14 4 20	13 21 5	
	AUG. .	17 13 10	17 13 28	SEPT. .	12 17 4	12 14 10	
	SEPT. .	16 1 54	16 4 41	OCT. .	{ 12 5 48	12 8 1	
	OCT. .	15 14 38	15 14 47	○	{ 27 0 10	26 14 47	
	NOV. .	14 3 22	14 1 12	NOV. .	10 18 32	11 1 26	
	DEC. .	{ 13 16 6	13 12 9	DEC. .	10 7 16	10 17 25	
	○	{ 28 10 28	28 19 2				
438. b.	JAN. .	12 4 50	11 23 40	441. E.	JAN. .	8 20 0	9 7 17
20 0 6	FEB. .	10 17 34	10 11 51	19 17 33	FEB. .	7 8 44	7 18 54
	MAR. .	12 6 19	12 0 53		MAR. .	8 21 28	9 4 29
	APRIL	10 19 3	10 14 53		APRIL	{ 7 10 12	7 12 31
	MAY .	10 7 47	10 5 48	○	{ 22 4 34	22 11 12	
	JUNE .	{ 8 20 31	8 21 11	MAY .	6 22 56	6 19 56	
	○	{ 23 14 53	23 11 4	JUNE .	5 11 40	5 3 39	
	JULY .	8 9 15	8 12 23	JULY .	5 0 24	4 12 46	
	AUG. .	6 21 59	7 2 53	AUG. .	3 13 8	3 0 15	
	SEPT. .	5 10 43	5 16 20	SEPT. .	2 1 52	1 14 35	
	OCT. .	4 23 27	5 4 51	○	{ 1 14 36	1 7 36	
	NOV. .	3 12 11	3 16 38	OCT. ○	{ 16 8 58	16 6 23	
	DEC. .	{ 3 0 55	3 3 53		{ 31 3 20	31 2 23	
	○	{ 17 19 17	17 18 42	NOV. .	29 16 4	29 21 27	
				DEC. .	29 4 43	29 15 16	
439. A.	JAN. .	{ 1 13 39	1 14 44	442. D.	JAN. .	27 17 33	28 6 44
20 5 55	FEB. .	{ 31 2 23	31 1 11	19 23 22	FEB. .	26 6 17	26 19 17
	...	...	...		MAR. .	27 19 1	28 5 11
	MAR. .	{ 1 15 7	1 11 28	○	{ 11 13 23	11 11 39	
	APRIL	{ 31 3 51	30 22 3	APRIL	{ 26 7 45	26 13 4	
	MAY .	29 16 35	29 9 35	MAY .	23 20 29	25 19 54	
	JUNE .	29 5 19	28 22 31	JUNE .	24 9 13	24 2 45	
	JULY .	27 18 3	27 13 1	JULY .	23 21 57	23 10 45	
	AUG. .	27 6 47	27 4 42	AUG. .	22 10 41	21 20 54	
	SEPT. .	25 19 31	25 20 53	SEPT. .	20 23 25	20 9 58	
	OCT. .	24 8 15	24 12 49	○	{ 5 17 47	5 21 42	
	NOV. .	23 20 59	24 3 52	OCT. .	{ 20 12 9	20 2 8	
	DEC. .	22 9 43	22 17 42	NOV. .	19 0 53	18 20 42	
		21 22 27	22 6 8	DEC. .	18 13 37	18 16 18	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 443. c. March. d. h. m. 20 5 10		d. h. m.	d. h. m.	A.D. 446. f. March. d. h. m. 19 22 37		d. h. m.	d. h. m.
	JAN. .	17 2 22	17 11 15		JAN. .	{ 13 17 32	13 10 19
	FEB. .	15 15 6	16 4 1		○	{ 28 11 54	29 0 37
	MAR. .	17 3 50	17 17 48		FEB. .	12 6 16	12 1 6
	APRIL	15 16 34	16 4 35		MAR. .	13 19 0	13 16 49
	MAY .	15 5 18	15 12 58		APRIL	12 7 44	12 9 0
	JUNE .	13 18 2	13 19 58		MAY .	11 20 28	12 0 51
	JULY .	13 6 46	13 2 43		JUNE .	10 9 12	10 15 40
	AUG. .	11 19 30	11 10 18		JULY .	{ 9 21 56	10 4 57
	SEPT. .	10 8 14	9 19 40		○	{ 24 16 18	24 3 48
	OCT. .	9 20 58	9 7 36		AUG. .	8 10 40	8 16 49
	NOV. .	8 9 42	7 22 24		SEPT. .	6 23 24	7 3 36
	DEC. .	7 22 26	7 15 47		OCT. .	6 12 8	6 13 56
					NOV. .	5 0 52	5 0 21
					DEC. .	4 13 36	4 11 6
444. B.A. 19 10 59	JAN. .	6 11 10	6 10 39	447. E. 20 4 26	JAN. .	8 2 20	2 22 15
	FEB. .	{ 4 28 54	5 5 37		FEB. .	1 15 4	1 9 52
	○	{ 19 18 16	19 18 35		MAR. .	8 3 48	2 22 9
	MAR. .	5 12 38	5 23 7		APRIL	1 16 32	1 11 22
	APRIL	4 1 22	4 14 7		MAY .	{ 1 5 16	1 1 36
	MAY .	3 14 6	4 2 13		○	{ 30 18 0	30 16 41
	JUNE .	2 2 50	2 11 47		JUNE .	{ 14 12 22	14 11 26
	JULY .	{ 1 15 34	1 19 44		○	{ 29 6 44	29 8 4
	○	{ 31 4 18	31 3 8		JULY .	28 19 28	28 28 8
	AUG. .	{ 14 22 40	14 18 38		AUG. .	27 8 12	27 13 24
	SEPT. .	{ 29 17 2	29 11 0		SEPT. .	25 20 56	26 2 42
	OCT. .	28 5 46	27 20 11		OCT. .	25 9 40	25 15 4
	NOV. .	27 18 30	27 7 18		NOV. .	23 22 24	24 2 45
	DEC. .	26 7 14	25 20 42		○	{ 8 16 46	8 12 53
		25 19 58	25 12 13		DEC. .	{ 23 11 8	23 13 50
445. G. 19 16 48	JAN. .	24 8 43	24 5 22	448. D.C. 19 10 15	JAN. .	21 23 53	22 0 22
	○	{ 8 3 5	8 10 52		FEB. .	20 12 37	20 10 29
	FEB. .	{ 22 21 27	22 23 10		MAR. .	21 1 21	20 20 36
	MAR. .	24 10 11	24 16 30		APRIL	19 14 5	19 7 17
	APRIL	22 22 55	23 8 18		MAY .	19 2 49	18 19 15
	MAY .	22 11 39	22 21 53		○	{ 2 21 11	3 4 18
	JUNE .	21 0 28	21 9 13		JUNE .	{ 17 15 33	17 8 51
	JULY .	20 13 7	20 18 50		JULY .	17 4 17	17 0 2
	○	{ 4 7 29	3 19 58		AUG. .	15 17 1	15 16 13
	AUG. .	{ 19 1 51	19 3 35		SEPT. .	14 5 45	14 8 38
	SEPT. .	17 14 35	17 12 24		OCT. .	13 13 29	14 0 29
	OCT. .	17 8 19	16 21 57		NOV. .	{ 12 7 13	12 15 13
	NOV. .	15 16 3	15 8 42		○	{ 27 1 35	26 14 19
	DEC. .	15 4 47	14 20 48		DEC. .	11 19 57	12 4 29

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 449. B. March. <i>d. h. m.</i> 19 16 3	JAN. .	<i>d. h. m.</i> 10 8 42	<i>d. h. m.</i> 10 16 15	A.D. 452. F.E. March. <i>d. h. m.</i> 19 9 30	JAN. .	<i>d. h. m.</i> 7 23 51	<i>d. h. m.</i> 8 5 54
	FEB. .	8 21 26	9 2 31		FEB. .	6 12 35	6 23 51
	MAR. .	10 10 10	10 11 35		MAR. .	{ 7 1 20	7 15 8
	APRIL	8 22 54	8 20 2		○	{ 21 19 42	21 14 1
	MAY .	{ 8 11 38	8 4 42		APRIL	5 14 4	6 3 17
	○	{ 23 6 0	23 16 52		MAY .	5 2 48	5 12 43
	JUNE .	7 0 22	6 14 31		JUNE .	3 15 32	3 20 16
	JULY .	6 13 6	6 2 21		JULY .	3 4 16	3 8 4
	AUG. .	5 1 50	4 16 35		AUG. .	{ 1 17 0	1 10 11
	SEPT. .	3 14 34	3 9 2		○	{ 31 5 44	30 18 41
	OCT. .	3 3 18	3 2 51		SEPT. .	{ 15 0 6	15 4 50
	NOV. .	{ 1 16 2	1 20 50		OCT. .	{ 29 18 28	29 5 21
	○	{ 16 10 24	16 1 2		NOV. .	29 7 12	28 18 47
	DEC. .	{ 1 4 46	1 13 51		DEC. .	27 19 56	27 10 56
		{ 30 17 30	31 4 55			27 8 40	27 5 7
450. A. 19 21 52	JAN. .	29 6 14	29 17 33	453. D. 19 15 19	JAN. .	25 21 25	26 0 6
	FEB. .	27 18 58	28 4 4		FEB. .	24 10 8	24 18 20
	MAR. .	29 7 42	29 12 37		○	{ 11 4 30	11 3 19
	APRIL	27 20 26	27 20 6		MAR. .	{ 25 22 52	26 10 35
	MAY .	27 9 10	27 3 23		APRIL	24 11 36	25 0 4
	JUNE .	25 21 54	25 11 35		MAY .	24 0 20	24 10 51
	JULY .	25 10 38	24 21 46		JUNE .	22 13 4	22 19 34
	AUG. .	23 23 22	23 10 40		JULY .	22 1 48	22 3 14
	SEPT. .	22 12 6	22 2 32		AUG. .	20 14 32	20 10 55
	OCT. .	22 0 50	21 20 43		○	{ 4 8 54	4 6 39
	NOV. .	20 13 34	20 15 57		SEPT. .	{ 19 3 16	18 19 31
	DEC. .	20 2 18	20 10 41		OCT. .	13 16 0	13 5 45
					NOV. .	17 4 44	16 18 1
					DEC. .	16 17 28	16 8 25
451. G. 20 3 41	JAN. .	18 15 2	19 3 26	454. C. 19 21 8	JAN. .	15 6 13	15 0 41
	FEB. .	17 3 46	17 17 24		FEB. .	13 18 57	13 18 2
	MAR. .	18 16 31	19 4 30		MAR. .	15 7 41	15 11 32
	○	{ 2 10 53	2 7 28		APRIL	13 20 25	14 4 4
	APRIL	{ 17 5 15	17 13 10		MAY .	13 9 9	13 18 46
	MAY .	16 17 59	16 20 13		JUNE .	11 21 53	12 7 16
	JUNE .	15 6 43	15 2 58		JULY .	11 10 37	11 17 48
	JULY .	14 19 27	14 10 15		AUG. .	9 23 21	10 3 6
	AUG. .	13 8 11	12 19 17		SEPT. .	8 12 5	8 11 59
	SEPT. .	{ 11 20 55	11 6 54		OCT. .	8 0 49	7 21 19
	○	{ 26 15 17	26 20 12		NOV. .	6 13 33	6 7 35
	OCT. .	11 9 39	10 21 37		DEC. .	6 2 17	5 19 4
	NOV. .	9 22 23	9 15 10				
	DEC. .	9 11 7	9 10 27				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 455.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 458.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	{ 4 15 1	4 7 41	E.	JAN. .	{ 1 6 11	1 14 57
March.	○	{ 19 9 23	19 22 7	March.	FEB. .	{ 30 18 55	31 1 52
<i>d. h. m.</i>	FEB. .	3 3 45	2 21 35	<i>d. h. m.</i>	...	...	...
20 2 56	MAR. .	4 16 29	4 12 36	19 20 23	MAR. .	{ 1 7 39	1 11 18
	APRIL	3 5 13	3 4 22			{ 30 20 23	30 19 46
	MAY .	2 17 57	2 20 18		APRIL	29 9 7	29 4 0
	JUNE .	{ 1 6 41	1 11 40		○	{ 14 3 29	14 14 31
	○	{ 30 19 25	{ 1 1 52		MAY .	{ 28 21 51	28 12 57
	JULY .	{ 15 13 47	{ 15 2 44		JUNE .	27 10 35	26 23 35
		{ 30 8 9	{ 30 14 37		JULY .	26 23 19	26 12 34
	AUG. .	28 20 53	29 2 8		AUG. .	25 12 3	25 4 5
	SEPT. .	27 9 37	27 12 55		SEPT. .	24 0 47	23 21 30
	OCT. .	26 22 21	26 23 28		OCT. .	23 13 31	23 15 47
	NOV. .	25 11 5	25 10 8		○	{ 7 7 53	6 23 30
	DEC. .	24 23 49	24 21 4		NOV. .	{ 22 2 15	22 9 37
	○	{ 8 18 12	9 3 4	459.	DEC. .	21 14 59	22 1 52
456.	JAN. .	{ 23 12 34	23 8 18	D.	JAN. .	20 3 44	20 15 50
A.G.	FEB. .	22 1 18	21 19 57	20 2 12	FEB. .	18 16 23	19 3 16
19 8 45	MAR. .	22 14 2	22 8 21		MAR. .	20 5 12	20 12 33
	APRIL	21 2 46	20 21 49		APRIL	18 17 56	18 20 19
	MAY .	20 15 30	20 12 19		○	{ 3 12 18	3 17 50
	JUNE .	19 4 14	19 3 35		MAY .	{ 18 6 40	18 3 25
	○	{ 3 22 36	3 18 32		JUNE .	16 19 24	16 10 56
	JULY .	{ 18 16 58	18 19 1		JULY .	16 8 8	15 19 58
	AUG. .	17 5 42	17 9 58		AUG. .	14 20 52	14 7 29
	SEPT. .	15 18 26	16 0 3		SEPT. .	13 9 36	12 21 58
	OCT. .	15 7 10	15 13 9		OCT. .	{ 12 22 20	12 15 13
	NOV. .	13 19 54	14 1 22		○	{ 27 16 42	27 15 7
	DEC. .	{ 13 8 38	13 12 51	460.	NOV. .	11 11 4	11 10 14
	○	{ 23 3 0	23 2 33	C.D.	DEC. .	10 23 48	11 5 31
457.	JAN. .	11 21 23	11 23 36	19 8 1	JAN. .	9 12 33	9 23 28
F.	FEB. .	10 10 7	10 9 43		FEB. .	8 1 17	8 14 52
19 14 34	MAR. .	11 22 51	11 19 30		MAR. .	8 14 1	9 3 16
	APRIL	10 11 35	10 5 32		APRIL	{ 7 2 45	7 12 56
	MAY .	10 0 19	9 16 34		○	{ 21 21 7	21 18 26
	JUNE .	8 13 3	8 5 10		MAY .	6 15 29	6 20 33
	JULY .	8 1 47	7 19 33		JUNE .	5 4 13	5 8 21
	AUG. .	6 14 31	6 11 25		JULY .	4 16 57	4 10 13
	SEPT. .	5 3 15	5 4 3		AUG. .	3 5 41	2 18 16
	OCT. .	4 15 59	4 20 34		SEPT. .	1 18 25	{ 1 4 34
	NOV. .	3 4 43	3 12 11			{ 1 7 9	{ 30 17 48
	DEC. .	2 17 27	3 2 23		OCT. ○	{ 16 1 31	16 6 9
						{ 30 19 53	30 10 4
					NOV. .	29 8 37	29 4 40
					DEC. .	23 21 21	29 0 14

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 461. A. March. d. h. m. 19 13 49		d. h. m.	d. h. m.	A.D. 464. E.D. March. d. h. m. 19 7 15		d. h. m.	d. h. m.
	JAN. .	27 10 5	27 19 3		JAN. .	25 1 15	24 18 39
	FEB. .	25 22 49	26 11 41		○	{ 8 19 37	9 8 53
	MAR. .	27 11 33	28 1 20		FEB. .	{ 23 13 59	23 8 50
	APRIL	26 0 17	26 12 15		MAR. .	24 2 43	23 23 59
	MAY .	25 13 1	25 20 19		APRIL	22 15 27	22 15 41
	JUNE .	24 1 45	24 3 24		MAY .	22 4 11	22 7 20
	JULY .	23 14 29	23 10 19		JUNE .	20 16 55	20 22 14
	AUG. .	22 3 13	21 18 7		JULY .	20 5 39	20 11 54
	SEPT. .	20 15 57	20 3 45		○	{ 4 0 1	3 11 12
	OCT. .	20 4 41	19 15 51		AUG. .	{ 18 18 23	19 0 16
	NOV. .	18 17 25	18 6 40		SEPT. .	17 7 7	17 11 38
	DEC. .	18 6 9	17 23 53		OCT. .	16 19 51	16 22 28
					NOV. .	15 8 35	15 9 14
462. G.	JAN. .	16 18 54	16 18 30		DEC. .	14 21 19	14 20 4
	FEB. .	15 7 33	15 13 9	465. C.	JAN. .	13 10 3	13 7 1
	○	{ 2 2 0	2 2 53		FEB. .	11 22 47	11 13 11
19 19 38	MAR. .	{ 16 20 22	17 6 22	19 13 4	MAR. .	13 11 32	13 5 54
	APRIL	15 9 6	15 21 12		APRIL	12 0 16	11 18 30
	MAY .	14 21 50	15 9 18		MAY .	11 13 0	11 8 16
	JUNE .	13 10 34	13 19 1		JUNE .	{ 10 1 44	9 23 7
	JULY .	12 23 13	13 3 12		○	{ 24 20 6	24 13 55
	AUG. .	{ 11 12 2	11 10 55		JULY .	9 14 28	9 14 36
	○	{ 26 6 24	26 1 36		AUG. .	8 3 12	8 6 3
	SEPT. .	10 0 46	9 19 8		SEPT. .	6 15 56	6 20 53
	OCT. .	9 13 30	9 4 39		OCT. .	6 4 40	6 10 47
	NOV. .	8 2 14	7 15 57		NOV. .	4 17 24	4 23 41
	DEC. .	7 14 58	7 5 16		DEC. .	{ 4 6 8	4 11 40
					○	{ 19 0 30	18 20 54
463. F.	JAN. .	6 3 43	5 20 30	466. B.	JAN. .	2 13 53	2 22 46
	FEB. .	{ 4 16 27	4 13 10		FEB. .	1 7 37	1 9 2
	○	{ 19 10 49	19 19 17	19 13 53	MAR. .	2 20 21	2 13 42
20 1 27	MAR. .	6 5 11	6 6 28		APRIL	{ 1 9 5	1 4 17
	APRIL	4 17 55	4 23 25			{ 30 21 49	30 14 23
	MAY .	4 6 39	4 15 2		MAY .	30 10 33	30 2 2
	JUNE .	2 19 23	3 4 41		○	{ 14 4 55	14 11 38
	JULY .	{ 2 8 7	2 16 17		JUNE .	{ 28 23 17	28 15 26
		{ 31 20 51	{ 1 2 18		JULY .	23 12 1	23 6 41
	○	{ 15 15 13	{ 15 3 4		AUG. .	27 0 45	26 23 13
	AUG. .	{ 30 9 35	{ 30 11 30		SEPT. .	25 13 29	25 16 8
	SEPT. .	23 22 19	23 20 47		OCT. .	25 2 13	25 8 34
	OCT. .	23 11 3	23 6 41		NOV. .	23 14 57	23 23 46
	NOV. .	26 23 47	26 17 34		○	{ 8 9 19	7 23 43
	DEC. .	26 12 31	26 5 34		DEC. .	{ 23 3 41	23 13 16

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 467.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 470.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	21 16 25	22 0 57	March.	JAN. .	18 7 35	18 13 46
<i>d. h. m.</i>	FEB. .	20 5 9	20 10 57	<i>d. h. m.</i>	FEB. .	16 20 19	17 7 33
20 0 42	MAR. .	21 17 53	21 19 33	19 18 8	MAR. .	18 9 3	18 22 38
	APRIL	20 6 37	20 3 40		○	{ 2 3 25	1 21 33
	MAY .	19 19 21	19 11 57		APRIL	{ 16 21 47	17 10 40
	○	{ 3 13 43	3 23 12		MAY .	16 10 31	16 20 3
	JUNE .	18 8 5	17 21 30		JUNE .	14 23 15	15 3 39
	JULY .	17 20 49	17 9 12		JULY .	14 11 59	14 10 35
	AUG. .	16 9 38	15 23 31		AUG. .	13 0 43	12 17 58
	SEPT. .	14 22 17	14 16 14		SEPT. .	{ 11 13 27	11 2 43
	OCT. .	14 11 1	14 10 26		○	{ 26 7 49	26 12 28
	NOV. .	{ 12 23 45	13 4 52		OCT. .	11 2 11	10 13 37
	○	{ 27 18 7	27 9 49		NOV. .	9 14 55	9 3 8
	DEC. .	12 12 29	12 22 11		DEC. .	9 3 39	8 19 9
468.	JAN. .	11 1 13	11 13 24	471.	JAN. .	7 16 24	7 13 6
G.F.	FEB. .	9 13 57	10 2 1	C.	FEB. .	6 5 8	6 7 43
19 6 31	MAR. .	10 2 42	10 12 12	19 23 57	MAR. .	{ 7 17 52	8 1 33
	APRIL	8 15 26	8 20 29		○	{ 22 12 14	22 11 20
	MAY .	8 4 10	8 3 39		APRIL	6 6 36	6 17 39
	JUNE .	6 16 54	6 10 44		MAY .	5 19 20	6 7 5
	JULY .	6 5 33	5 18 50		JUNE .	4 8 4	4 17 59
	AUG. .	4 18 22	4 5 0		JULY .	3 20 43	4 2 54
	SEPT. .	3 7 6	2 13 2		AUG. .	{ 2 9 32	2 10 53
	OCT. .	2 19 50	2 10 5		○	{ 31 22 16	31 18 56
	NOV. .	{ 1 8 34	1 4 30		SEPT. .	{ 15 16 38	15 13 52
	DEC. .	{ 30 21 18	30 23 57		OCT. .	{ 30 11 0	30 3 55
		30 10 2	30 18 47		NOV. .	29 23 44	29 14 24
					DEC. .	28 12 28	28 2 42
469.	JAN. .	28 22 46	29 11 33	472.	JAN. .	26 13 56	26 8 40
E.	FEB. .	27 11 31	28 1 25	B.A.	FEB. .	25 2 40	25 1 30
19 12 20	MAR. .	29 0 15	29 12 17	19 5 46	MAR. .	25 15 24	25 13 31
	○	{ 12 18 37	12 14 27		APRIL	24 4 8	24 10 45
	APRIL	{ 27 12 59	27 20 46		MAY .	23 16 52	24 1 26
	MAY .	27 1 43	27 3 47		JUNE .	22 5 36	22 14 8
	JUNE .	25 14 27	25 10 25		JULY .	21 18 20	22 1 3
	JULY .	25 3 11	24 17 47		AUG. .	20 7 4	20 10 49
	AUG. .	23 15 55	23 2 56		SEPT. .	18 19 48	18 20 13
	SEPT. .	22 4 39	21 14 44		OCT. .	18 8 32	18 5 57
	○	{ 6 23 1	7 4 27		NOV. .	16 21 16	16 16 26
	OCT. .	{ 21 17 23	21 5 34		DEC. .	16 10 0	16 3 50
	NOV. .	20 6 7	19 23 9				
	DEC. .	19 18 51	19 18 25				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 473. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 476. D.C.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	{ 14 22 45	14 16 14	March.	JAN. .	12 13 55	12 23 41
	○	{ 29 17 7	30 6 23	<i>d. h. m.</i>	FEB. .	11 2 39	11 10 24
March.	FEB. .	13 11 29	13 5 36	19 5 1	MAR. .	11 15 23	11 19 30
<i>d. h. m.</i>	MAR. .	15 0 13	14 19 59		APRIL	10 4 7	10 3 34
19 11 35	APRIL	13 12 57	13 11 13		MAY .	{ 9 16 51	9 11 24
	MAY .	13 1 41	13 2 49		○	{ 24 11 13	24 21 21
	JUNE .	11 14 25	11 18 10		JUNE .	8 5 35	7 20 4
	JULY .	{ 11 3 9	11 8 37		JULY .	7 18 19	7 6 31
	○	{ 25 21 31	25 10 9		AUG. .	6 7 3	5 19 32
	AUG. .	9 15 53	9 21 51		SEPT. .	4 19 47	4 11 11
	SEPT. .	8 4 37	8 9 57		OCT. .	4 8 31	4 4 57
	OCT. .	7 17 21	7 21 17		Nov. .	{ 2 21 15	2 23 39
	Nov. .	6 6 5	6 8 16		○	{ 17 15 37	17 8 20
	DEC. .	5 18 49	5 19 8		DEC. .	{ 2 9 59	2 17 51
						{ 31 22 44	...
474. F.	JAN. .	{ 4 7 34	4 5 58	477. B.	JAN. .	{ ...	1 10 19
	○	{ 19 1 56	19 11 1		FEB. .	{ 30 11 23	31 0 14
	FEB. .	2 20 18	2 16 49			{ 1 ...	1 11 30
19 17 24	MAR. .	4 9 2	4 3 57	19 10 50	MAR. .	{ 30 12 56	30 20 29
	APRIL	2 21 46	2 15 44		APRIL	29 1 40	29 3 58
	MAY .	{ 2 10 30	2 4 39		○	{ 13 20 2	14 0 24
		{ 31 23 14	31 18 50		MAY .	{ 28 14 24	28 10 51
	JUNE .	30 11 53	30 10 4		JUNE .	27 3 8	26 18 15
	○	{ 15 6 20	15 2 5		JULY .	26 15 52	26 3 16
	JULY .	{ 30 0 42	30 1 45		AUG. .	25 4 36	24 14 51
	AUG. .	28 13 26	28 17 11		SEPT. .	23 17 20	23 5 29
	SEPT. .	27 2 10	27 7 53		OCT. .	23 6 4	22 22 56
	OCT. .	26 14 54	26 21 34		○	{ 7 0 26	6 23 57
	Nov. .	25 3 38	25 10 11		Nov. .	{ 21 18 43	21 18 10
	DEC. .	24 16 22	24 21 46		DEC. .	21 7 32	21 18 34
	○	{ 8 10 44	8 10 28				
475. E.	JAN. .	{ 23 5 6	23 8 21	478. A.	JAN. .	19 20 16	20 7 32
	FEB. .	21 17 50	21 18 5		FEB. .	18 9 0	18 22 50
19 23 13	MAR. .	23 6 34	23 3 24	19 16 39	MAR. .	19 21 44	20 11 5
	APRIL	21 19 18	21 12 55		APRIL	18 10 28	18 20 33
	MAY .	21 8 2	20 23 29		○	{ 3 4 50	3 1 7
	JUNE .	19 20 46	19 11 48		MAY .	{ 17 23 12	18 4 7
	○	{ 4 15 8	4 19 6		JUNE .	16 11 56	16 10 48
	JULY .	{ 19 9 30	19 2 11		JULY .	16 0 40	15 17 41
	AUG. .	17 22 14	17 18 16		AUG. .	14 13 24	14 1 54
	SEPT. .	16 10 58	16 11 19		SEPT. .	13 2 8	12 12 23
	OCT. .	15 23 42	16 4 23		OCT. .	{ 12 14 52	12 1 46
	Nov. .	14 12 26	14 20 31		○	{ 27 9 14	27 14 41
	DEC. .	14 1 10	14 11 3		Nov. .	11 3 36	10 18 5
					DEC. .	10 16 20	10 12 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 479. g. March. d. h. m. 19 22 28		d. h. m.	d. h. m.	A.D. 482. c. March. d. h. m. 19 15 54		d. h. m.	d. h. m.
	JAN. .	9 5 5	9 8 7		JAN. .	5 20 15	5 14 15
	FEB. .	7 17 49	8 2 46		FEB. .	{ 4 8 59	4 2 54
	MAR. .	9 6 33	9 19 12		○	19 3 21	19 17 1
	APRIL	7 19 17	8 8 42		MAR. .	5 21 43	5 16 29
	MAY .	7 8 1	7 19 18		APRIL	4 10 27	4 7 1
	JUNE .	5 20 45	6 3 41		MAY .	3 23 11	3 22 18
	JULY .	5 9 29	5 10 53		JUNE .	2 11 55	2 13 47
	AUG. .	3 22 13	3 18 2		JULY .	{ 2 0 39	2 4 50
	SEPT. .	2 10 57	2 2 7		○	31 13 23	31 18 54
	OCT. .	{ 1 23 41	1 12 0		AUG. .	{ 15 7 45	14 18 27
	NOV. .	31 12 25	31 0 16		SEPT. .	30 2 7	30 7 49
	DEC. .	30 1 9	29 15 2		OCT. .	28 14 51	28 19 46
		29 13 53	29 8 1		NOV. .	28 3 35	28 7 8
					DEC. .	26 16 19	26 18 10
480. F.E. 19 4 17	JAN. .	23 2 37	23 2 16	483. b. 19 21 43	JAN. .	24 17 47	24 15 43
	FEB. .	26 15 21	26 20 30		FEB. .	23 6 31	23 2 25
	○	{ 12 9 43	12 11 3		MAR. .	24 19 15	24 13 31
	MAR. .	27 4 6	27 13 27		APRIL	23 7 59	23 1 32
	APRIL	25 16 50	26 4 10		MAY .	22 20 43	22 14 53
	MAY .	25 5 34	25 16 13		JUNE .	21 9 27	21 5 34
	JUNE .	23 18 18	24 2 12		○	{ 6 3 49	6 2 24
	JULY .	23 7 2	23 10 42		JULY .	{ 20 22 11	20 21 11
	AUG. .	21 19 46	21 18 49		AUG. .	19 10 55	19 13 2
	○	{ 5 14 8	5 8 41		SEPT. .	17 23 39	18 4 26
	SEPT. .	20 8 30	20 3 26		OCT. .	17 12 23	17 18 57
	OCT. .	19 21 14	19 13 16		NOV. .	16 1 7	16 8 20
	NOV. .	18 9 53	18 0 41		DEC. .	{ 15 13 51	15 20 32
	DEC. .	17 22 42	17 13 52		○	30 8 13	30 6 33
481. d. 19 10 6	JAN. .	16 11 26	16 4 42	484. A.G. 19 3 32	JAN. .	14 2 35	14 7 35
	FEB. .	15 0 10	14 20 50		FEB. .	12 15 20	12 17 35
	○	{ 1 13 32	2 3 33		MAR. .	13 4 4	13 2 48
	MAR. .	16 12 54	16 18 36		APRIL	11 16 48	11 11 52
	APRIL	15 1 38	15 6 10		MAY .	11 5 32	10 21 35
	MAY .	14 14 22	14 21 33		JUNE .	{ 9 18 16	9 8 49
	JUNE .	13 3 6	13 11 25		○	24 12 38	24 13 56
	JULY .	12 15 50	12 23 20		JULY .	9 7 0	8 22 5
	AUG. .	{ 11 4 34	11 9 48		AUG. .	7 19 44	7 13 26
	○	25 22 56	25 10 15		SEPT. .	6 8 28	6 6 13
	SEPT. .	9 17 13	9 19 33		OCT. .	5 21 12	5 23 45
	OCT. .	9 6 2	9 5 17		NOV. .	4 9 56	4 16 42
	NOV. .	7 18 46	7 15 31		DEC. .	{ 3 22 40	4 8 17
	DEC. .	7 7 30	7 2 23		○	18 17 2	18 8 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 485. F. March. <i>d. h. m.</i> 19 9 21		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 488. C.B. March. <i>d. h. m.</i> 19 2 47		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	2 11 25	2 21 58		JAN. .	29 15 19	29 21 30
	FEB. .	1 0 9	1 9 34		FEB. .	28 4 3	28 15 4
	MAR. .	2 12 53	2 19 16		MAR. .	28 16 47	29 6 0
	APRIL	{ 1 1 37	1 3 34		O	{ 12 11 9	12 5 0
		{ 30 14 21	30 11 13		APRIL	{ 27 5 31	27 17 57
	MAY .	30 3 5	29 19 11		MAY .	26 18 15	27 3 20
	O	{ 13 21 27	14 6 43		JUNE .	25 6 59	25 11 3
	JUNE .	{ 28 15 49	28 4 33		JULY .	24 19 43	24 18 14
	JULY .	28 4 33	27 16 12		AUG. .	23 8 27	23 1 53
	AUG. .	26 17 17	26 6 37		SEPT. .	21 21 11	21 10 55
	SEPT. .	25 6 1	24 23 34		O	{ 6 15 33	6 20 16
	OCT. .	24 18 45	24 18 8		OCT. .	{ 21 9 55	20 22 3
	NOV. .	23 7 29	23 12 57		NOV. .	19 22 39	19 11 34
	O	{ 8 1 51	7 18 39		DEC. .	19 11 23	19 3 26
	DEC. .	{ 22 20 13	23 6 30				
486. E. 19 15 10	JAN. .	21 8 57	21 21 46	489. A. 19 8 36	JAN. .	18 0 7	17 20 59
	FEB. .	19 21 41	20 10 16		FEB. .	16 12 51	16 15 12
	MAR. .	21 10 25	21 20 12		MAR. .	18 1 35	18 8 45
	APRIL	19 23 9	20 4 12		O	{ 1 19 57	1 19 12
	MAY .	19 11 53	19 11 9		APRIL	{ 16 14 19	17 0 34
	JUNE .	18 0 37	17 18 4		MAY .	16 3 3	16 13 59
	JULY .	17 13 21	17 2 8		JUNE .	14 15 47	15 1 1
	AUG. .	16 2 5	15 12 23		JULY .	14 4 31	14 10 15
	SEPT. .	14 14 49	14 1 34		AUG. .	12 17 15	12 18 37
	OCT. .	14 3 33	13 17 45		SEPT. .	{ 11 5 59	11 8 5
	NOV. .	12 16 17	12 12 20		O	{ 26 0 21	25 21 12
	DEC. .	12 5 1	12 7 56		OCT. .	10 18 43	10 12 26
					NOV. .	9 7 27	8 23 7
					DEC. .	8 20 11	8 11 24
487. D. 19 20 59	JAN. .	10 17 46	11 2 50	490. G. 19 14 25	JAN. .	7 8 56	7 1 17
	FEB. .	9 6 30	9 19 31		FEB. .	5 21 40	5 16 35
	MAR. .	10 19 14	11 9 13		MAR. .	7 10 24	7 8 51
	APRIL	{ 9 7 58	9 19 56		APRIL	5 23 8	6 1 23
	O	{ 24 2 20	23 21 20		MAY .	5 11 52	5 17 23
	MAY .	8 20 42	9 4 16		JUNE .	4 0 36	4 8 5
	JUNE .	7 9 26	7 11 13		JULY .	3 13 20	3 21 2
	JULY .	6 22 10	6 17 54		AUG. .	{ 2 2 4	2 8 24
	AUG. .	5 10 54	5 1 24			{ 31 14 43	31 18 40
	SEPT. .	3 23 38	3 10 45		SEPT. .	30 3 32	30 4 35
	OCT. .	{ 3 12 22	2 22 43		OCT. .	29 16 16	29 14 43
	O	{ 18 6 44	18 12 46		NOV. .	28 5 0	28 1 22
	NOV. .	2 1 6	1 13 39		DEC. .	27 17 44	27 12 41
	DEC. .	{ 1 13 50	1 7 13				
		{ 31 2 34	31 2 21				

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 491.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 494.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.	JAN. .	26 6 29	26 0 42	B.	JAN. .	22 21 39	23 8 20
March.	○	10 0 51	10 14 29	March.	FEB. .	21 10 23	21 18 49
<i>d. h. m.</i>	FEB. .	21 19 13	24 13 31	<i>d. h. m.</i>	MAR. .	22 23 7	23 3 34
19 20 14	MAR. .	26 7 57	26 3 16	19 13 40	APRIL	21 11 51	21 11 16
	APRIL	24 20 41	24 17 53		MAY .	21 0 35	20 18 47
	MAY .	24 9 25	24 9 19		○	4 18 57	5 4 8
	JUNE .	22 22 9	23 0 39		JUNE .	19 13 19	19 3 12
	JULY .	22 10 53	22 15 24		JULY .	19 2 3	18 13 34
	○	6 5 15	5 17 42		AUG. .	17 14 47	17 2 37
	AUG. .	20 23 37	21 5 10		SEPT. .	16 3 31	15 18 28
	SEPT. .	19 12 21	19 17 52		OCT. .	15 16 15	15 12 38
	OCT. .	19 1 5	19 5 45		NOV. .	14 4 59	14 7 36
	NOV. .	17 13 49	17 17 7		○	23 23 21	23 17 13
	DEC. .	17 2 33	17 4 6		DEC. .	13 17 43	14 2 4
492.	JAN. .	15 15 17	15 14 47	495.	JAN. .	12 6 27	12 18 38
E.D.	○	30 9 39	30 18 43	A.	FEB. .	10 19 11	11 8 29
19 2 8	FEB. .	14 4 1	14 1 14	19 19 29	MAR. .	12 7 55	12 19 33
	MAR. .	14 16 45	14 11 47		APRIL	10 20 39	11 4 17
	APRIL	13 5 29	12 23 0		MAY .	10 9 23	10 11 30
	MAY .	12 18 13	12 11 27		○	25 3 45	25 6 53
	JUNE .	11 6 57	11 1 21		JUNE .	8 22 7	8 18 14
	JULY .	10 19 41	10 16 34		JULY .	8 10 51	8 1 35
	○	25 14 3	25 9 43		AUG. .	6 23 35	6 10 39
	AUG. .	9 8 25	9 8 31		SEPT. .	5 12 19	4 22 22
	SEPT. .	7 21 9	8 0 30		OCT. .	5 1 3	4 18 10
	OCT. .	7 9 53	7 15 48		NOV. .	3 13 47	3 6 47
	NOV. .	5 22 37	6 6 3		○	18 8 9	18 8 50
	DEC. .	5 11 21	5 13 59		DEC. .	3 2 31	3 2 7
493.	JAN. .	4 0 6	4 6 39	496.	JAN. .	1 15 16	1 21 34
C.	○	18 18 23	18 18 17	G.F.	○	31 4 0	31 15 23
19 7 32	FEB. .	2 12 50	2 17 2		FEB. .	29 16 44	1 6 39
	MAR. .	4 1 34	4 2 23	19 1 13	MAR. .	30 5 23	30 18 43
	APRIL	2 14 18	2 11 12		APRIL	28 18 12	29 4 4
	MAY .	2 8 2	1 20 15		○	13 12 34	13 7 43
	○	31 15 43	31 6 26		MAY .	23 6 56	23 11 34
	JUNE .	30 4 30	29 13 32		JUNE .	26 19 40	26 13 16
	○	14 22 52	15 2 35		JULY .	26 8 24	26 1 13
	JULY .	29 17 14	29 8 54		AUG. .	24 21 8	24 9 42
	AUG. .	28 5 53	28 1 14		SEPT. .	23 9 52	22 20 23
	SEPT. .	26 18 42	26 13 44		OCT. .	22 22 36	22 9 54
	OCT. .	26 7 26	26 12 20		○	6 16 53	6 23 19
	NOV. .	24 20 10	25 4 55		NOV. .	21 11 20	21 2 14
	DEC. .	24 8 54	24 19 41		DEC. .	21 0 4	20 20 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 497. E. March. d. h. m. 19 7 7		d. h. m.	d. h. m.	A.D. 500. B.A. March. d. h. m. 19 0 34		d. h. m.	d. h. m.
	JAN. .	19 12 48	19 15 54		JAN. .	17 3 58	16 22 55
	FEB. .	18 1 32	18 10 17		FEB. .	15 16 42	15 11 2
	MAR. .	19 14 16	20 2 33		O {	1 11 4	2 0 58
	APRIL .	18 3 0	18 15 55		MAR. .	16 5 26	16 0 0
	MAY .	17 15 44	18 2 30		APRIL .	14 18 10	14 13 59
	JUNE .	16 4 28	16 10 59		MAY .	14 6 54	14 4 52
	JULY .	15 17 12	15 18 24		JUNE .	12 19 33	12 20 13
	AUG. .	14 5 56	14 1 51		JULY .	12 8 22	12 11 27
	SEPT. .	12 18 40	12 10 16		AUG. .	10 21 6	11 1 57
	OCT. .	12 7 24	11 20 25		O {	25 15 23	25 2 25
	NOV. .	10 20 8	10 8 45		SEPT. .	9 9 50	9 15 23
	DEC. .	10 8 52	9 23 26		OCT. .	8 22 34	9 4 1
					NOV. .	7 11 18	7 15 51
					DEC. .	7 0 2	7 8 7
498. D. 19 12 56	JAN. .	8 21 37	8 16 5	501. G. 19 6 22	JAN. .	5 12 46	5 18 55
	FEB. .	7 10 21	7 9 54		FEB. .	4 1 31	4 0 18
	MAR. .	8 23 5	9 3 44		MAR. .	5 14 15	5 10 31
	O {	23 17 27	23 19 5		APRIL .	4 2 59	3 21 2
	APRIL .	7 11 49	7 20 23		MAY .	3 15 43	3 8 33
	MAY .	7 0 33	7 11 0		JUNE .	2 4 27	1 21 31
	JUNE .	5 13 17	5 23 15		JULY .	1 17 11	1 12 5
	JULY .	5 2 1	5 9 24		O {	81 5 55	81 8 51
	AUG. .	3 14 45	3 18 17		AUG. .	29 18 39	29 20 7
	SEPT. .	2 3 29	2 2 50		SEPT. .	28 7 23	28 12 8
	O {	16 21 51	16 15 54		OCT. .	27 20 7	28 8 14
	OCT. .	1 16 13	1 11 52		NOV. .	26 8 51	26 17 2
	O {	31 4 57	30 21 58		DEC. .	25 21 35	26 5 24
	NOV. .	29 17 41	29 9 28				
	DEC. .	29 6 25	28 22 26				
499. C. 19 18 45	JAN. .	27 19 10	27 12 50	502. F. 19 12 11	O {	9 15 58	9 12 52
	FEB. .	26 7 54	26 4 24		JAN. .	24 10 20	24 16 21
	O {	13 2 16	13 11 42		FEB. .	22 23 4	23 2 0
	MAR. .	27 20 33	27 20 38		MAR. .	24 11 48	24 10 47
	APRIL .	26 9 22	26 12 51		APRIL .	23 0 32	22 19 22
	MAY .	25 22 6	26 4 13		MAY .	22 13 16	22 4 41
	JUNE .	24 10 50	24 18 8		JUNE .	21 2 0	20 15 38
	JULY .	23 23 34	24 6 27		O {	5 20 22	6 2 17
	AUG. .	22 12 18	22 17 27		JULY .	20 14 44	20 4 50
	O {	6 6 40	5 17 38		AUG. .	19 3 28	18 20 19
	SEPT. .	21 1 2	21 3 44		SEPT. .	17 16 12	17 18 38
	OCT. .	20 13 46	20 13 54		OCT. .	17 4 56	17 7 30
	NOV. .	19 2 30	19 0 25		NOV. .	15 17 40	16 0 55
	DEC. .	18 15 14	18 11 24		DEC. .	15 6 24	15 16 50
					O {	30 0 46	29 16 34

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 503. E. March. d. h. m. 19 18 0		d. h. m.	d. h. m.	A.D. 506. A. March. d. h. m. 19 11 27		d. h. m.	d. h. m.
	JAN. .	13 19 8	14 6 35		JAN. .	10 10 18	10 10 14
	FEB. .	12 7 52	12 18 1		FEB. .	8 23 2	9 5 5
	MAR. .	13 20 36	14 3 25		MAR. .	10 11 46	10 22 25
	APRIL .	12 9 20	12 11 22		APRIL {	9 0 30	9 13 11
	MAY .	11 22 4	11 18 41		○ {	23 18 52	23 12 6
	JUNE .	{ 10 10 48	10 2 25		MAY .	8 13 14	9 1 6
	○ {	25 5 10	25 13 35		JUNE .	7 1 58	7 10 34
	JULY .	9 23 32	9 11 38		JULY .	6 14 42	6 18 29
	AUG. .	8 12 16	7 23 17		AUG. .	5 3 26	5 1 56
	SEPT. .	7 1 0	6 13 50		SEPT. .	3 16 10	3 9 55
	OCT. .	6 13 44	6 7 4		OCT. .	{ 3 4 54	2 19 17
	NOV. .	5 2 28	5 1 57		○ {	17 23 16	13 4 7
	DEC. .	{ 4 15 12	4 21 1		NOV. .	1 17 38	{ 1 6 35
	○ {	19 9 31	19 3 29		DEC. .	{ 1 6 22	{ 30 20 5
						{ 30 19 6	30 11 41
504. D.C. 18 23 40	JAN. .	3 3 57	3 14 46	507. G. 19 17 15	JAN. .	29 7 51	29 4 50
	FEB. .	1 16 41	2 6 2		FEB. .	27 20 35	27 22 34
	MAR. .	{ 2 5 25	2 18 22		MAR. .	29 9 19	29 15 45
	APRIL .	{ 31 18 9	{ 1 4 4		○ {	13 3 41	13 2 58
	MAY .	30 6 53	30 11 49		APRIL {	27 22 3	23 7 23
	JUNE .	29 19 37	29 13 36		MAY .	27 10 47	27 20 49
	JULY .	28 8 21	28 1 29		JUNE .	25 23 31	26 8 5
	AUG. .	27 21 5	27 9 35		JULY .	25 12 15	25 17 40
	SEPT. .	26 9 49	25 19 56		AUG. .	24 0 59	24 2 29
	OCT. .	24 22 33	24 9 15		SEPT. .	22 13 43	22 11 24
	NOV. .	24 11 17	24 1 37		○ {	7 8 5	7 4 42
	DEC. .	23 0 1	22 20 18		OCT. .	{ 22 2 27	21 21 6
		22 12 45	22 15 55		NOV. .	20 15 11	20 7 57
					DEC. .	20 3 55	19 20 8
505. H. 19 5 38	JAN. .	21 1 30	21 10 45	508. F.E. 18 23 4	JAN. .	13 16 40	13 9 40
	FEB. .	19 14 14	20 3 19		FEB. .	17 5 24	17 0 23
	MAR. .	21 2 53	21 16 52		MAR. .	17 13 8	17 16 4
	APRIL .	19 15 42	20 3 26		APRIL .	16 6 52	16 8 10
	○ {	4 10 4	4 4 10		MAY .	15 19 36	15 23 56
	MAY .	{ 19 4 26	19 11 42		JUNE .	14 8 20	14 14 40
	JUNE .	17 17 10	17 18 40		JULY .	13 21 4	14 3 57
	JULY .	17 5 54	17 1 23		AUG. .	12 9 43	12 15 43
	AUG. .	15 18 33	15 9 10		SEPT. .	10 22 32	11 2 38
	SEPT. .	14 7 22	13 18 43		OCT. .	10 11 16	10 13 4
	OCT. .	{ 13 20 6	13 6 52		NOV. .	9 0 0	8 23 33
	○ {	23 14 23	23 21 12		DEC. .	8 12 44	8 10 21
	NOV. .	12 8 50	11 21 52				
	DEC. .	11 21 34	11 15 20				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New M on. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 509.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 512.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	7 1 28	6 21 29	A.G. March.	JAN. .	4 16 38	5 4 16
March.	FEB. .	{ 5 14 12	5 9 4	<i>d. h. m.</i>	FEB. .	8 5 22	3 16 49
<i>d. h. m.</i>	O	{ 20 8 34	20 22 27	18 22 20	MAR. .	3 18 6	4 3 8
19 4 58	MAR. .	7 2 56	6 21 17		APRIL	2 6 50	2 11 29
	APRIL	5 15 40	5 10 27		MAY .	{ 1 19 34	1 18 50
	MAY .	5 4 24	5 0 39		O	{ 31 8 18	31 2 7
	JUNE .	3 17 8	3 15 45		JUNE .	{ 15 2 40	15 10 52
	JULY .	3 5 52	3 7 9		O	{ 29 21 2	29 10 23
	AUG. O	{ 1 18 36	1 22 15		JULY .	29 9 46	23 20 42
		{ 16 12 58	16 1 21		AUG. .	27 22 30	27 9 51
		{ 31 7 20	31 12 33		SEPT. .	26 11 14	26 1 55
	SEPT. .	29 20 4	30 1 53		OCT. .	25 23 58	25 20 15
	OCT. .	29 8 48	29 14 19		NOV. .	24 12 42	24 15 34
	NOV. .	27 21 32	28 2 1		O	{ 9 7 4	9 2 7
	DEC. .	27 10 16	27 13 3		DEC. .	{ 24 1 26	24 10 18
510.	JAN. .	25 23 1	25 23 31	513.	JAN. .	22 14 11	23 2 50
C.	O	{ 9 17 23	10 1 8	F.	FEB. .	21 2 55	21 16 36
19 10 42	FEB. .	{ 24 11 45	24 9 32	19 4 8	MAR. .	22 15 39	23 3 27
	MAR. .	26 0 29	25 19 33		APRIL	21 4 23	21 11 58
	APRIL	24 13 13	24 6 13		MAY .	20 17 7	20 19 1
	MAY .	24 1 57	23 18 12		O	{ 4 11 29	4 13 19
	JUNE .	22 14 41	22 7 53		JUNE .	{ 19 5 51	19 1 40
	JULY .	22 3 25	21 23 9		JULY .	18 18 35	18 9 8
	O	{ 5 21 47	5 17 27		AUG. .	17 7 19	16 18 13
	AUG. .	{ 20 16 9	20 15 27		SEPT. .	15 20 8	15 6 4
	SEPT. .	19 4 53	19 7 57		OCT. .	15 8 47	14 21 1
	OCT. .	18 17 37	18 23 51		NOV. .	{ 13 21 31	13 14 43
	NOV. .	17 6 21	17 14 35		O	{ 23 15 53	23 17 43
	DEC. .	16 19 5	17 3 43		DEC. .	13 10 15	13 10 4
511.	JAN. .	{ 15 7 49	15 15 26	514.	JAN. .	11 22 59	12 5 27
B.	O	{ 30 2 11	30 2 0	E.	FEB. .	10 11 48	10 23 15
19 16 31	FEB. .	13 20 33	14 1 34	19 9 57	MAR. .	12 0 27	12 14 17
	MAR. .	15 9 17	15 10 30		APRIL	10 13 11	11 2 13
	APRIL	13 22 1	13 18 52		MAY .	{ 10 1 55	10 11 23
	MAY .	13 10 45	13 3 29		O	{ 24 20 17	24 14 24
	JUNE .	11 23 29	11 13 23		JUNE .	8 14 39	8 18 58
	JULY .	{ 11 12 13	11 1 19		JULY .	8 3 23	8 1 43
	O	{ 26 6 35	26 10 6		AUG. .	6 16 7	6 9 0
	AUG. .	10 0 57	9 15 43		SEPT. .	5 4 51	4 17 37
	SEPT. .	8 13 41	8 8 20		OCT. .	4 17 35	4 4 31
	OCT. .	8 2 25	8 2 17		NOV. .	{ 3 6 19	2 13 9
	NOV. .	6 15 9	6 20 20		O	{ 18 0 41	18 7 59
	DEC. .	6 3 53	6 13 13		DEC. .	2 19 8	2 10 26

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 515.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 518.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.				G.			
	JAN. .	{ 1 7 48	1 4 40		JAN. .	27 11 42	27 7 29
		{ 30 20 32	30 23 36		FEB. .	26 0 26	25 19 5
March.	FEB. .	...	...	March.	○	{ 12 18 48	13 8 46
<i>d. h. m.</i>				<i>d. h. m.</i>			
19 15 46	MAR. .	{ 1 9 16	1 17 43	19 9 13	MAR. .	{ 27 13 10	27 7 26
		{ 30 22 0	31 9 44		APRIL	26 1 54	25 20 52
	APRIL	29 10 44	29 23 1		MAY .	25 14 38	25 11 22
	MAY .	28 23 28	29 9 40		JUNE .	24 3 22	24 2 40
	JUNE .	27 12 12	27 18 19		JULY .	23 16 6	23 18 8
	JULY .	27 0 56	27 2 1		AUG. .	22 4 50	22 9 7
	AUG. .	25 13 40	25 9 47		○	{ 5 23 12	5 10 15
	SEPT. .	24 2 24	23 18 33		SEPT. .	{ 20 17 34	20 23 16
	OCT. .	23 15 8	23 4 57		OCT. .	20 6 18	20 12 24
	NOV. .	22 3 52	21 17 22		NOV. .	18 19 2	19 0 39
	DEC. .	21 16 36	21 7 51		DEC. .	18 7 46	18 12 6
516.	JAN. .	20 5 20	20 0 6	519.	JAN. .	16 20 30	16 22 46
C.B.	FEB. .	18 18 4	18 17 26	F.	FEB. .	15 9 14	15 8 46
18 21 85	MAR. .	19 6 49	19 10 49	19 15 1	MAR. .	16 21 59	16 18 29
	○	{ 3 1 11	3 2 59		APRIL	15 10 43	15 4 28
	APRIL	{ 17 19 33	18 3 12		MAY .	14 23 27	14 15 20
	MAY .	17 8 17	17 17 45		JUNE .	13 12 11	13 4 9
	JUNE .	15 21 1	16 6 10		JULY .	13 0 55	12 18 39
	JULY .	15 9 45	15 16 40		AUG. .	11 13 39	11 10 38
	AUG. .	13 22 29	14 1 57		SEPT. .	10 2 23	10 3 22
	SEPT. .	{ 12 11 13	12 10 58		OCT. .	9 15 7	9 19 56
	○	{ 27 5 35	26 23 18		NOV. .	8 3 51	8 11 34
	OCT. .	11 23 57	11 20 25		DEC. .	7 16 35	8 1 45
	NOV. .	10 12 41	10 6 48				
	DEC. .	10 1 25	9 18 19				
517.	JAN. .	8 14 9	8 7 0	520.	JAN. .	{ 6 5 19	6 14 13
A.	FEB. .	7 2 53	6 20 53	E.D.	○	{ 20 23 41	20 20 46
19 3 24	MAR. .	{ 8 15 37	8 11 51	18 20 50	FEB. .	4 18 3	5 0 58
	○	{ 23 9 59	23 19 40		MAR. .	5 6 47	5 10 16
	APRIL	7 4 21	7 3 32		APRIL	3 19 31	3 18 37
	MAY .	6 17 5	6 19 24		MAY .	3 8 15	3 2 48
	JUNE .	5 5 49	5 10 42		JUNE .	1 20 59	{ 1 11 46
	JULY .	4 18 33	5 0 52			{ 1 9 43	{ 30 22 29
	AUG. .	3 7 17	3 13 37		JULY ○	{ 16 4 5	16 9 38
	SEPT. .	{ 1 20 1	2 1 11			{ 30 22 27	30 11 41
	○	{ 16 14 23	16 1 11		AUG. .	29 11 11	29 3 21
	OCT. .	{ 1 8 45	1 12 1		SEPT. .	27 23 55	27 20 56
		{ 30 21 29	30 22 39		OCT. .	27 12 39	27 15 18
	NOV. .	29 10 13	29 9 23		NOV. .	26 1 23	26 9 8
	DEC. .	28 22 57	28 20 19		DEC. .	25 14 7	26 1 18

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 521. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 524. G.F. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 19 2 39	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . ○	{ 9 8 30 { 24 2 52 22 15 36 24 4 20 22 17 4 22 5 48 20 18 32 { 5 12 54 { 20 7 16 18 20 0 17 8 44 16 21 28 15 10 12 { 14 22 56 { 29 17 18	9 0 57 24 15 5 23 2 20 24 11 27 22 19 4 22 2 8 20 9 41 5 20 31 19 18 50 18 6 33 16 21 15 16 14 42 15 9 49 15 5 6 29 12 19	18 20 5	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	21 18 2 20 6 46 20 19 30 19 8 14 { 4 2 36 18 20 58 17 9 42 16 22 26 15 11 10 13 23 54 { 13 12 38 { 28 7 0 12 1 22 11 14 6	21 18 3 20 12 34 21 5 37 19 20 15 3 19 40 19 8 10 17 17 47 17 1 58 15 9 45 18 18 7 18 3 48 28 12 4 11 15 14 11 4 39
522. B.	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	13 11 41 12 0 25 13 18 9 12 1 53 11 14 37 10 3 21 9 16 5 8 4 49 6 17 33 6 6 17 4 19 1 4 7 45	13 22 56 12 14 8 14 2 18 12 11 47 11 19 22 10 2 3 9 8 57 7 17 9 6 3 39 5 17 6 4 9 35 4 4 18	19 1 54	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	10 2 50 8 15 34 10 4 18 { 8 17 2 { 23 11 24 8 5 46 6 18 30 6 7 14 4 19 58 3 8 42 { 2 21 26 { 17 15 48 { 1 10 10 30 22 54 30 11 38	9 19 55 8 12 33 10 5 47 8 22 36 23 10 37 8 14 4 7 3 35 6 15 7 5 1 9 3 10 27 2 19 49 17 12 18 1 5 52 30 16 50 30 4 51
523. A.	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	2 20 29 1 9 13 2 21 57 { 1 10 41 { 30 23 25 { 15 17 47 { 30 12 9 29 0 53 28 13 37 27 2 21 25 15 5 25 3 49 { 8 22 11 { 23 16 33 23 5 17	2 23 50 1 18 32 3 10 57 2 0 21 1 10 49 15 10 55 30 19 4 29 2 7 23 9 5 26 17 2 25 2 51 24 15 9 9 5 42 23 6 9 22 23 25	19 7 43	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	29 0 23 27 13 7 29 1 51 27 14 35 27 3 19 25 16 3 25 4 47 23 17 31 22 6 15 21 18 59 20 7 43 19 20 27	23 17 56 27 8 5 28 23 10 27 14 49 27 6 24 25 21 15 25 10 55 23 23 18 22 10 43 21 21 39 20 8 27 19 19 19

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 527. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 530. F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March.	JAN. .	18 9 12	18 6 14	March.	JAN. .	15 0 22	15 12 44
<i>d. h. m.</i>	FEB. .	16 21 56	16 17 20	<i>d. h. m.</i>	FEB. .	18 18 6	14 1 11
19 13 32	○	{ 3 16 18	4 6 14	19 6 58	MAR. .	15 1 50	15 11 10
	MAR. .	{ 18 10 40	18 4 58		APRIL	13 14 34	13 19 17
	APRIL	16 23 24	16 17 32		MAY .	13 3 18	13 2 22
	MAY .	16 12 8	16 7 18		JUNE .	11 16 2	11 9 27
	JUNE .	15 0 52	14 22 10		JULY .	11 4 46	10 17 39
	JULY .	14 13 36	14 13 42		AUG. .	9 17 30	9 4 0
	AUG. .	{ 13 2 20	13 5 12		SEPT. .	8 6 14	7 17 15
	○	{ 27 20 42	27 9 11		OCT. .	7 18 58	7 9 30
	SEPT. .	11 15 4	11 20 5		NOV. .	6 7 42	6 4 4
	OCT. .	11 3 48	11 10 2		DEC. .	{ 5 20 26	5 23 34
	NOV. .	9 16 32	9 22 58		○	{ 20 14 48	20 11 2
	DEC. .	9 5 16	9 10 56				
528. B.A.	JAN. .	7 18 0	7 21 57	531. E.	JAN. .	4 9 10	4 18 19
18 19 21	FEB. .	{ 6 6 44	6 8 8	19 12 47	FEB. .	2 21 54	3 10 54
	○	{ 21 1 6	21 10 0		MAR. .	4 10 38	5 0 32
	MAR. .	6 19 28	6 17 42		APRIL	2 23 22	3 11 12
	APRIL	5 8 12	5 3 12		MAY .	2 12 6	2 19 31
	MAY .	4 20 56	4 13 21			{ 1 0 50	1 2 28
	JUNE .	3 9 40	3 0 58		JUNE .	{ 15 19 12	15 19 45
	JULY .	2 22 24	2 14 28		○	{ 30 13 34	30 9 6
		{ 1 11 8	1 5 50		JULY .	30 2 18	29 16 35
	AUG. ○	{ 16 5 30	16 1 15		AUG. .	28 15 2	28 1 55
		{ 30 23 52	30 22 29		SEPT. .	27 3 46	26 13 55
	SEPT. .	29 12 36	29 15 30		OCT. .	26 16 30	26 5 0
	OCT. .	29 1 20	29 7 58		NOV. .	25 5 14	24 22 43
	NOV. .	27 14 4	27 23 8		○	{ 9 23 36	10 2 44
	DEC. .	27 2 48	27 12 33		DEC. .	{ 24 17 58	24 18 2
529. c.	JAN. .	25 15 33	26 0 8	532. D.C.	JAN. .	23 6 43	23 13 17
19 1 10	○	{ 9 9 55	9 9 37	18 18 36	FEB. .	21 19 27	22 6 54
	FEB. .	{ 24 4 17	24 9 58		MAR. .	22 8 11	22 21 45
	MAR. .	25 17 1	25 18 31		APRIL	20 20 55	21 9 35
	APRIL	24 5 45	24 2 28		MAY .	20 9 39	20 18 50
	MAY .	23 18 29	23 10 44		○	{ 4 4 1	3 21 2
	JUNE .	22 7 13	21 20 21		JUNE .	{ 18 22 23	19 2 21
	JULY .	21 19 57	21 8 13		JULY .	18 11 7	18 9 20
	○	{ 5 14 19	5 17 42		AUG. .	16 23 51	16 16 49
	AUG. .	{ 20 8 41	19 22 45		SEPT. .	15 12 35	15 1 44
	SEPT. .	18 21 25	18 15 36		OCT. .	15 1 19	14 12 50
	OCT. .	18 10 9	18 9 56		NOV. .	{ 13 14 3	13 2 31
	NOV. .	16 22 53	17 4 24		○	{ 28 8 25	28 16 42
	DEC. .	16 11 37	16 21 40		DEC. .	13 2 47	12 18 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 533. B. March. d. h. m. 19 0 25	JAN. .	d. h. m. 11 15 31	d. h. m. 11 12 37	A.D. 536. F.E. March. d. h. m. 18 17 51	JAN. .	d. h. m. 9 6 42	d. h. m. 9 5 11
	FEB. .	10 4 15	10 7 10		FEB. .	7 19 26	7 15 59
	MAR. .	11 17 0	12 0 56		MAR. .	{ 8 8 10	8 3 1
	APRIL	10 5 44	10 16 46		O	{ 23 2 32	23 16 24
	MAY .	9 18 28	10 6 1		APRIL	6 20 54	6 14 45
	JUNE .	8 7 12	8 16 46		MAY .	6 9 38	6 3 39
	JULY .	7 19 56	8 1 40		JUNE .	4 22 22	4 17 53
	AUG. .	6 8 40	6 9 41		JULY .	4 11 6	4 9 9
	SEPT. .	4 21 24	4 17 53		AUG. .	2 23 50	3 0 58
	OCT. .	4 10 8	4 3 0		SEPT. .	{ 1 12 34	1 16 24
	NOV. .	2 22 52	2 13 37		O	{ 16 6 56	15 18 15
	DEC. .	{ 2 11 36	2 2 3		OCT. .	{ 1 1 18	1 7 9
		{ ...	31 16 17			{ 30 14 2	30 20 52
534. A.	JAN. .	{ 1 0 20	...	537. D.	JAN. .	27 4 14	27 7 30
	FEB. .	{ 30 13 4	30 8 2		FEB. .	25 16 58	25 17 8
		{ ...	...		MAR. .	27 5 42	27 2 19
19 6 14	MAR. .	{ 1 1 48	1 0 50	18 23 40	APRIL	25 18 26	25 11 48
	O	{ 30 14 32	30 17 45		MAY .	25 7 10	24 22 23
	APRIL	{ 14 8 54	14 10 46		JUNE .	23 19 54	23 10 48
	MAY .	{ 29 3 16	29 9 52		JULY .	23 8 38	23 1 17
	JUNE .	27 4 44	27 13 3		AUG. .	21 21 22	21 17 31
	JULY .	26 17 28	26 23 57		SEPT. .	20 10 6	20 10 41
	AUG. .	25 6 12	25 9 45		OCT. .	19 22 50	20 8 49
	SEPT. .	23 18 56	23 19 14		NOV. .	18 11 34	18 19 57
	O	{ 8 13 18	8 6 48		DEC. .	18 0 18	18 10 25
	OCT. .	{ 23 7 40	23 5 6				
	NOV. .	21 20 24	21 15 41				
	DEC. .	21 9 8	21 3 7				
535. G.	JAN. .	19 21 52	19 15 30	538. C.	JAN. .	{ 16 18 3	16 22 55
	FEB. .	18 10 36	18 4 50		O	{ 31 7 25	31 4 34
19 12 3	MAR. .	19 23 21	19 19 10	19 5 29	FEB. .	15 1 47	15 9 29
	O	{ 3 17 43	4 3 30		MAR. .	16 14 31	16 18 26
	APRIL	{ 18 12 5	18 10 20		APRIL	15 3 15	15 2 23
	MAY .	18 0 49	18 1 54		MAY .	14 15 59	14 10 11
	JUNE .	16 13 33	16 17 13		JUNE .	13 4 43	12 18 51
	JULY .	16 2 17	16 7 39		JULY .	{ 12 17 27	12 5 28
	AUG. .	14 15 1	14 20 54		O	{ 27 11 49	27 17 5
	SEPT. .	{ 13 3 45	13 9 3		AUG. .	11 6 11	10 18 39
	O	{ 27 22 7	27 8 53		SEPT. .	9 18 55	9 10 30
	OCT. .	12 16 29	12 20 26		OCT. .	9 7 39	9 4 25
	NOV. .	11 5 13	11 7 28		NOV. .	7 20 28	7 28 12
	DEC. .	10 17 57	10 18 21		DEC. .	7 9 7	7 17 23

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 539.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 542.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	{ 5 21 51	6 9 48	E. March.	JAN. .	2 13 1	2 7 32
March.	○	{ 20 16 13	20 9 19	<i>d. h. m.</i>	FEB. .	1 1 45	1 1 45
<i>d. h. m.</i>	FEB. .	4 10 35	4 23 27	19 4 44	MAR. .	2 14 29	2 19 52
19 11 17	MAR. .	5 23 19	6 10 31		APRIL	{ 1 3 13	1 12 39
	APRIL	4 12 3	4 19 20		○	{ 30 15 57	1 3 10
	MAY .	4 0 47	4 2 41		○	{ 15 10 19	15 2 54
	JUNE .	2 13 31	2 9 31		MAY .	{ 30 4 41	30 15 10
		2 2 15	1 16 59		JUNE .	28 17 25	29 0 59
	JULY ○	{ 16 20 37	17 3 25		JULY .	28 6 9	28 9 30
		{ 31 14 59	31 2 9		AUG. .	26 18 53	26 17 41
	AUG. .	30 3 43	29 13 57		SEPT. .	25 7 37	25 2 27
	SEPT. .	28 16 27	28 4 43		OCT. .	24 20 21	24 12 25
	OCT. .	28 5 11	27 22 27		○	{ 8 14 43	8 20 6
	NOV. .	26 17 55	26 17 46		NOV. .	{ 23 9 5	22 23 58
	DEC. .	26 6 39	26 13 9		DEC. .	22 21 49	22 13 13
540.	○	{ 10 1 2	9 21 6	543.	JAN. .	21 10 34	21 4 5
A.G.	JAN. .	{ 24 19 21	25 6 58	D.	FEB. .	19 23 18	19 20 11
18 17 6	FEB. .	23 8 8	23 22 3	19 10 33	MAR. .	21 12 2	21 12 52
	MAR. .	23 20 52	24 10 4		APRIL	20 0 46	20 5 19
	APRIL	22 9 36	22 19 23		○	{ 4 19 8	4 18 12
	MAY .	21 22 20	22 2 49		MAY .	{ 19 13 30	19 20 42
	JUNE .	20 11 4	20 9 28		JUNE .	18 2 14	18 10 21
	JULY .	19 23 48	19 16 27		JULY .	17 14 58	17 22 15
	AUG. .	18 12 32	18 0 49		AUG. .	16 3 42	16 8 45
	SEPT. .	17 1 16	16 11 31		SEPT. .	14 16 26	14 18 34
	OCT. .	16 14 0	16 1 6		OCT. .	{ 14 5 10	14 4 24
	NOV. .	15 2 44	14 17 38		○	{ 23 23 32	23 20 2
	DEC. .	14 15 28	14 12 18		NOV. .	12 17 54	12 14 43
541.	JAN. .	13 4 13	13 7 41	544.	JAN. .	10 19 22	10 13 21
F.	FEB. .	11 16 57	12 2 12	C.B.	FEB. .	9 8 6	9 2 8
18 22 55	MAR. .	13 5 41	13 18 25	18 16 22	MAR. .	9 20 51	9 15 41
	APRIL	11 18 25	12 7 42		APRIL	8 9 35	8 6 10
	MAY .	{ 11 7 9	11 18 7		MAY .	7 22 19	7 21 24
	○	{ 26 1 31	25 17 40		JUNE .	6 11 3	6 12 52
	JUNE .	9 19 53	10 2 24		JULY .	5 23 47	6 3 53
	JULY .	9 8 37	9 9 37		AUG. .	4 12 31	4 17 57
	AUG. .	7 21 21	7 16 50		SEPT. .	3 1 15	3 6 55
	SEPT. .	6 10 5	6 1 5		OCT. .	2 13 59	2 18 56
	OCT. .	5 22 49	5 11 10		NOV. .	{ 1 2 43	1 6 21
	NOV. .	{ 4 11 33	3 23 35		○	{ 30 15 27	30 17 24
	○	{ 19 5 55	19 14 16		DEC. .	30 4 11	30 4 15
	DEC. .	4 0 17	3 14 30				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 545.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 548.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	28 16 55	28 14 52	E.D.	JAN. .	26 8 5	26 21 5
March.	FEB. .	27 5 39	27 1 30	March.	FEB. .	24 20 49	25 9 23
<i>d. h. m.</i>	○	{ 14 0 1	14 13 51	<i>d. h. m.</i>	MAR. .	25 9 38	25 19 8
18 22 10	MAR. .	{ 23 18 23	28 12 32	18 15 37	APRIL	23 22 17	24 2 58
	APRIL	27 7 7	27 0 32		MAY .	23 11 1	23 9 50
	MAY .	26 19 51	26 13 54		JUNE .	21 23 45	21 16 48
	JUNE .	25 8 35	25 4 38		JULY .	21 12 29	21 0 59
	JULY .	24 21 19	24 20 19		AUG. .	20 1 13	19 11 25
	AUG. .	23 10 3	23 12 14		SEPT. .	18 13 57	18 0 48
	○	{ 7 4 25	6 17 13		OCT. .	18 2 41	17 17 13
	SEPT. .	{ 21 22 47	22 3 43		NOV. .	16 15 25	16 11 57
	OCT. .	21 11 31	21 18 16		DEC. .	{ 16 4 9	16 7 33
	NOV. .	20 0 15	20 7 38		○	{ 30 22 31	30 19 56
	DEC. .	19 12 59	19 19 49				
546.	JAN. .	18 1 44	18 6 46	549.	JAN. .	14 16 53	15 2 18
G.	FEB. .	16 14 28	16 16 39	C.	FEB. .	13 5 33	13 18 50
19 3 59	○	{ 3 8 50	3 17 26	18 21 26	MAR. .	14 18 22	15 8 18
	MAR. .	{ 18 3 12	18 1 45		APRIL	13 7 6	13 18 48
	APRIL	16 15 56	16 10 44		MAY .	12 19 50	13 3 0
	MAY .	16 4 40	15 20 27		JUNE .	{ 11 8 34	11 9 54
	JUNE .	14 17 24	14 7 45		○	{ 26 2 56	26 2 13
	JULY .	14 6 8	13 21 9		JULY .	10 21 18	10 16 38
	AUG. .	{ 12 18 52	12 12 38		AUG. .	9 10 2	9 0 15
	○	{ 27 13 14	27 9 15		SEPT. .	7 22 46	7 9 47
	SEPT. .	11 7 36	11 5 38		OCT. .	7 11 30	6 21 58
	OCT. .	10 20 20	10 23 10		NOV. .	6 0 14	5 13 7
	NOV. .	9 9 4	9 16 10		DEC. .	{ 5 12 53	5 6 49
	DEC. .	8 21 43	9 7 42		○	{ 20 7 20	20 11 42
547.	JAN. .	7 10 33	7 21 16	550.	JAN. .	4 1 42	4 1 56
F.	FEB. .	{ 5 23 17	6 8 42	B.	FEB. .	2 14 26	2 20 58
19 9 48	○	{ 20 17 39	20 17 8	19 3 15	MAR. .	4 3 10	4 14 20
	MAR. .	7 12 1	7 18 14		APRIL	2 15 54	3 5 3
	APRIL	6 0 45	6 2 25		MAY .	{ 2 4 38	2 16 49
	MAY .	5 13 29	5 9 59		○	{ 81 17 22	1 2 5
	JUNE .	4 2 13	3 17 57		JUNE .	{ 15 11 44	15 3 38
	JULY .	3 14 57	3 3 25		○	{ 30 6 6	30 9 46
	○	{ 2 3 41	1 15 13		JULY .	29 18 50	29 16 59
	AUG. ○	{ 16 22 3	17 1 26		AUG. .	28 7 34	28 0 46
	○	{ 31 16 25	31 5 51		SEPT. .	26 20 18	26 9 59
	SEPT. .	30 5 9	29 22 59		OCT. .	26 9 2	25 21 17
	OCT. .	29 17 53	29 17 42		NOV. .	24 21 46	24 10 58
	NOV. .	28 6 37	28 12 30		○	{ 9 16 8	10 1 24
	DEC. .	27 19 21	28 6 0		DEC. .	{ 24 10 30	24 2 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 551. A. March. d. h. m. 19 9 3		d. h. m.	d. h. m.	A.D. 554. D. March. d. h. m. 19 2 30		d. h. m.	d. h. m.
	JAN. .	22 23 15	22 20 29		JAN. .	19 14 25	19 13 58
	FEB. .	21 11 59	21 14 36		FEB. .	18 3 9	18 0 20
	MAR. .	23 0 43	23 8 1		MAR. .	19 15 53	19 10 49
	APRIL	21 13 27	21 23 40		○	{ 3 10 15	3 23 52
	MAY .	21 2 11	21 12 55		APRIL	{ 18 4 37	17 21 59
	JUNE .	19 14 55	19 23 50		MAY .	17 17 21	17 10 25
	JULY .	19 3 39	19 9 3		JUNE .	16 6 5	16 0 22
	AUG. .	17 16 23	17 17 30		JULY .	15 18 49	15 15 40
	SEPT. .	16 5 7	16 2 5		AUG. .	14 7 33	14 7 43
	OCT. .	15 17 51	15 11 33		SEPT. .	{ 12 20 17	12 23 47
	NOV. .	14 6 35	13 22 22		○	{ 27 14 39	27 2 24
	DEC. .	13 19 19	13 10 44		OCT. .	12 9 1	12 15 8
					NOV. .	10 21 45	11 5 23
					DEC. .	10 10 29	10 18 18
552. G.F. 18 14 52	JAN. .	12 8 4	12 0 39	555. C. 18 8 19	JAN. .	8 23 14	9 5 52
	FEB. .	10 20 48	10 15 55		FEB. .	7 11 58	7 16 7
	MAR. .	11 9 32	11 8 7		MAR. .	9 0 42	9 1 21
	APRIL	{ 9 22 16	10 0 35		APRIL	7 13 26	7 10 4
	○	{ 21 16 38	24 18 26		MAY .	7 2 10	6 19 5
	MAY .	9 11 0	9 16 29		JUNE .	5 14 54	5 5 18
	JUNE .	7 23 44	8 7 4		JULY .	5 3 38	4 17 32
	JULY .	7 12 28	7 19 58		AUG. .	3 16 22	3 8 2
	AUG. .	6 1 12	6 7 19		SEPT. .	2 5 6	2 0 32
	SEPT. .	4 13 56	4 17 40		○	{ 1 17 50	1 18 11
	OCT. .	{ 4 2 40	4 3 40		OCT. .	{ 31 6 34	31 11 49
	○	{ 18 21 2	18 14 26		NOV. .	29 19 18	30 4 22
	NOV. .	2 15 24	2 13 53		DEC. .	29 8 2	29 19 3
	DEC. .	{ 2 4 8	2 0 37				
		{ 31 16 52	31 11 57				
553. E. 18 20 41	JAN. .	30 5 36	29 23 55	556. B.A. 18 14 8	JAN. .	27 20 46	28 7 31
	FEB. .	28 18 20	28 12 40		○	{ 11 15 8	11 12 15
	MAR. .	30 7 4	30 2 24		FEB. .	{ 26 9 30	26 17 49
	○	{ 14 1 26	14 11 11		MAR. .	26 22 14	27 2 25
	APRIL	{ 28 19 48	28 17 4		APRIL	25 10 58	25 10 0
	MAY .	28 3 32	28 8 22		MAY .	24 23 42	24 17 30
	JUNE .	26 21 16	26 23 41		JUNE .	23 12 26	23 1 59
	JULY .	26 10 0	26 14 28		JULY .	23 1 10	22 12 30
	AUG. .	24 22 44	25 4 15		○	{ 6 19 32	7 0 37
	SEPT. .	23 11 28	23 17 0		AUG. .	{ 21 13 54	21 1 45
	○	{ 8 5 50	7 16 45		SEPT. .	20 2 33	19 17 49
	OCT. .	{ 28 0 12	28 4 57		OCT. .	19 15 22	19 12 3
	NOV. .	21 12 56	21 16 20		NOV. .	18 4 6	18 7 9
	DEC. .	21 1 40	21 3 20		DEC. .	17 16 50	18 1 35

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 557.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 560.		<i>d. h. m.</i>	<i>d. h. m.</i>
G.	JAN. .	{ 16 5 35	16 18 1	D.C.	JAN. .	13 20 45	13 15 35
	○	{ 30 23 57	30 17 34	March.	FEB. .	12 9 29	12 9 21
March.	FEB. .	14 18 19	15 7 40	<i>d. h. m.</i>	MAR. .	12 22 13	13 3 3
<i>d. h. m.</i>	MAR. .	16 7 3	16 18 32	18 13 23	APRIL	11 10 57	11 19 33
18 19 56	APRIL	14 19 47	15 3 5		MAY .	{ 10 23 41	11 9 59
	MAY .	14 8 31	14 10 12		○	{ 25 18 3	25 10 8
	JUNE .	12 21 15	12 16 56		JUNE .	9 12 25	9 22 7
	JULY .	{ 12 9 59	12 0 22		JULY .	9 1 9	9 8 14
	○	{ 27 4 21	27 10 25		AUG. .	7 13 53	7 17 9
	AUG. .	10 22 43	10 9 36		SEPT. .	6 2 37	6 1 46
	SEPT. .	9 11 27	8 21 31		OCT. .	5 15 21	5 10 55
	OCT. .	9 0 11	8 12 33		NOV. .	{ 4 4 5	3 21 11
	NOV. .	7 12 55	7 6 20		○	{ 18 22 27	19 4 11
	DEC. .	7 1 39	7 1 44		DEC. .	3 16 49	3 8 46
558.	JAN. .	{ 5 14 23	5 21 7	561.	JAN. .	{ 2 5 34	1 21 49
F.	○	{ 20 8 45	20 5 49	B.	FEB. .	{ 31 18 18	31 12 11
	FEB. .	4 3 7	4 14 51		...	...	...
19 1 45	MAR. .	5 15 52	6 5 50	18 19 12	MAR. .	{ 2 7 2	2 8 41
	APRIL	4 4 36	4 17 41		APRIL	31 19 46	31 19 52
	MAY .	3 17 20	4 2 52		○	{ 15 2 52	15 1 44
	JUNE .	2 6 4	2 10 16		MAY .	{ 29 21 14	30 3 15
	○	{ 1 13 48	1 16 58		JUNE .	28 0 58	28 17 7
	JULY ○	{ 16 13 10	16 13 16		JULY .	27 22 42	28 5 25
	○	{ 31 7 32	31 0 6		AUG. .	26 11 26	26 16 27
	AUG. .	29 20 16	29 8 40		SEPT. .	25 0 10	25 2 43
	SEPT. .	28 9 0	27 19 33		OCT. .	24 12 54	24 13 5
	OCT. .	27 21 44	27 9 17		○	{ 8 7 16	8 3 52
	NOV. .	26 10 28	26 1 46		NOV. .	{ 28 1 33	22 23 40
	DEC. .	25 23 12	25 20 17		DEC. .	22 14 22	22 10 41
559.	JAN. .	24 11 56	24 15 26	562.	JAN. .	21 3 6	20 22 9
E.	FEB. .	23 0 40	23 9 41	A.	FEB. .	19 15 50	19 10 13
19 7 34	MAR. .	24 13 24	25 1 43	19 1 1	MAR. .	21 4 34	20 23 8
	APRIL	23 2 8	23 14 54		APRIL	19 17 18	19 18 4
	MAY .	22 14 52	23 1 19		MAY .	19 6 2	19 8 55
	JUNE .	21 3 36	21 9 44		JUNE .	17 18 46	17 19 17
	JULY .	20 16 20	20 17 10		JULY .	17 7 30	17 10 31
	AUG. .	19 5 4	19 0 41		AUG. .	15 20 14	16 1 3
	SEPT. .	17 17 48	17 9 16		SEPT. .	14 8 58	14 14 33
	OCT. .	17 6 32	16 19 35		OCT. .	13 21 42	14 3 14
	NOV. .	{ 15 19 16	15 8 6		NOV. .	12 10 26	12 15 6
	○	{ 30 13 38	30 22 50		DEC. .	11 23 10	12 2 23
	DEC. .	15 8 0	14 22 54				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 563. G. March. d. h. m. 19 6 49	JAN. . FEB. . MAR. . O APRIL MAY . JUNE . JULY . AUG. . SEPT. . O OCT. . NOV. . DEC. .	d. h. m. 10 11 55 9 0 39 { 10 13 23 25 7 45 9 2 7 8 14 51 7 3 35 6 16 19 5 5 3 { 3 17 47 18 12 9 3 6 31 1 19 15 { 1 7 59 30 20 43	d. h. m. 10 13 8 8 23 25 10 9 32 25 21 19 8 20 0 8 7 29 6 20 30 6 11 8 5 3 1 3 19 23 18 1 15 3 11 23 2 2 35 1 16 22 31 4 40	A.D. 566. c. March. d. h. m. 19 0 16	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	d. h. m. 7 3 5 5 15 49 7 4 33 5 17 17 5 6 1 3 18 45 3 7 29 { 1 20 13 31 8 57 29 21 41 29 10 25 27 23 9 27 11 53	d. h. m. 7 14 13 6 5 18 7 17 26 6 2 56 5 10 33 3 17 17 3 0 12 1 8 27 30 19 0 29 8 32 29 1 6 27 19 55 27 15 31
564. F.E. 18 12 38	JAN. . FEB. . O MAR. . APRIL MAY . JUNE . JULY . AUG. . O SEPT. . OCT. . NOV. . DEC. .	29 9 27 27 22 11 { 13 16 33 28 10 56 26 23 40 26 12 24 25 1 8 24 13 52 23 2 36 { 6 20 58 21 15 20 21 4 4 19 16 48 19 5 32	29 15 29 28 1 0 14 0 39 28 9 40 26 18 12 26 3 32 24 14 33 24 3 54 22 19 33 6 17 20 21 12 57 21 6 58 20 0 24 19 16 15	567. B. 19 6 5	O JAN. . FEB. . MAR. . APRIL MAY . JUNE . O JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . O	{ 11 6 15 26 0 37 24 13 21 26 2 5 24 14 49 24 3 33 22 16 17 { 7 10 39 22 5 1 20 17 45 19 6 29 18 19 13 17 7 57 { 16 20 41 31 15 3	11 6 47 26 10 12 25 2 35 26 15 54 25 2 16 24 10 24 22 17 20 7 8 41 22 0 13 20 8 2 18 17 47 18 6 9 16 21 19 16 14 53 31 20 37
565. D. 18 18 27	JAN. . FEB. . O MAR. . APRIL MAY . JUNE . JULY . AUG. . O SEPT. . OCT. . NOV. . DEC. .	17 18 16 16 7 0 { 3 1 22 17 19 44 16 8 28 15 21 12 14 9 56 13 22 40 12 11 24 27 5 46 11 0 8 10 12 52 9 1 36 8 14 20	18 5 51 16 17 7 3 0 31 18 2 20 16 10 10 15 17 25 14 1 10 13 10 31 11 22 21 27 9 13 10 13 8 10 6 32 9 1 32 8 20 36	568. A.G. 18 11 54	JAN. . FEB. . MAR. . APRIL MAY . JUNE . O JULY . AUG. . SEPT. . OCT. . NOV. . DEC. . O	15 9 26 13 22 10 14 10 54 12 23 38 12 12 22 { 11 1 6 25 19 28 10 13 50 9 2 34 7 15 18 7 4 2 5 16 46 { 5 5 30 19 23 52	15 9 43 14 4 32 14 21 40 13 12 14 12 23 58 11 9 20 25 10 18 10 17 12 9 0 45 7 8 52 6 18 23 5 5 52 4 19 30 20 10 6

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 569.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 572.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.				C.B.			
March.	JAN. .	3 18 15	3 11 10		JAN. .	{ 1 9 24	1 12 17
<i>d. h. m.</i>	FEB. .	2 6 59	2 4 16			{ 30 22 8	30 22 39
18 17 42	MAR. .	3 19 43	3 21 55	March.	FEB. .	29 10 53	29 8 34
	APRIL .	2 8 27	2 14 59	<i>d. h. m.</i>	MAR. .	29 23 37	29 18 31
				18 11 9			
	MAY .	{ 1 21 11	2 6 27		○	{ 13 17 59	14 7 11
		{ 31 9 55	31 19 45		APRIL .	{ 28 12 21	28 5 9
	○	{ 15 4 17	14 18 16		MAY .	28 1 5	27 17 10
	JUNE .	{ 29 22 39	30 6 56		JUNE .	26 13 49	26 6 56
	JULY .	29 11 23	29 16 31		JULY .	26 2 33	25 22 18
	AUG. .	28 0 7	28 1 23		AUG. .	24 15 17	24 14 42
	SEPT. .	26 12 51	26 10 26		SEPT. .	23 4 1	23 7 17
	OCT. .	26 1 35	25 20 16		○	{ 7 22 23	7 10 45
	NOV. .	24 14 19	24 7 14			{ 22 16 45	22 23 14
	DEC. .	24 3 3	23 19 28		NOV. .	21 5 29	21 13 57
					DEC. .	20 18 13	21 3 7
570.	JAN. .	22 15 47	22 8 58	573.	JAN. .	19 6 57	19 14 38
E.	FEB. .	21 4 31	20 23 40	A.	FEB. .	17 19 41	18 0 36
18 23 31	MAR. .	22 17 15	22 15 18		MAR. .	19 8 25	19 9 25
	APRIL .	21 5 59	21 7 18	18 16 58	APRIL .	17 21 9	17 17 42
	○	{ 6 0 21	6 2 3		MAY .	17 9 53	17 2 18
	MAY .	{ 20 18 43	20 23 0		JUNE .	15 22 37	15 12 14
	JUNE .	19 7 27	19 13 40		JULY .	15 11 21	15 0 19
	JULY .	18 20 11	19 2 55		AUG. .	14 0 5	13 14 55
	AUG. .	17 8 55	17 14 46		SEPT. .	12 12 49	12 7 42
	SEPT. .	15 21 39	16 1 41		OCT. .	12 1 33	12 1 44
	OCT. .	{ 15 10 23	15 12 11		NOV. .	10 14 17	10 19 51
	○	{ 30 4 45	29 22 13		DEC. .	10 3 1	10 12 46
	NOV. .	13 23 7	13 22 45				
	DEC. .	13 11 51	13 9 35	574.	JAN. .	8 15 46	9 8 37
				G.	FEB. .	{ 7 4 30	7 15 59
571.	JAN. .	12 0 36	11 20 44		○	{ 21 22 52	21 19 52
D.	FEB. .	10 13 20	10 8 14	18 22 47	MAR. .	8 17 14	9 2 2
19 5 20	MAR. .	12 2 4	11 20 24		APRIL .	7 5 53	7 10 13
	APRIL .	{ 10 14 43	10 9 31		MAY .	6 13 42	6 17 35
	○	{ 25 9 10	25 18 47		JUNE .	5 7 26	5 0 50
	MAY .	10 3 32	9 23 43		JULY .	4 20 10	4 9 12
	JUNE .	8 16 16	8 14 43		AUG. .	{ 8 8 54	2 19 41
	JULY .	8 5 0	8 6 13		○	{ 18 8 16	18 8 13
	AUG. .	6 17 44	6 21 22		SEPT. .	1 21 33	1 9 2
	SEPT. .	5 6 23	5 11 44				
	OCT. .	{ 4 19 12	5 1 6		OCT. .	{ 1 10 22	1 1 13
	○	{ 19 13 34	19 0 47			{ 30 23 6	30 19 43
	NOV. .	3 7 56	3 13 34		NOV. .	29 11 50	29 15 9
	DEC. .	2 20 40	3 1 16		DEC. .	29 0 34	29 9 45

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 575. F. March. <i>d. h. m.</i> 19 4 35		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 578. B. March. <i>d. h. m.</i> 18 22 2		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	27 13 18	28 2 11		JAN. .	24 4 28	23 23 34
	○	{ 11 7 40	11 1 44		FEB. .	22 17 12	22 16 50
	FEB. .	26 2 2	26 15 43		MAR. .	24 5 56	24 10 5
	MAR. .	27 14 47	28 2 23		APRIL	22 18 40	23 2 19
	APRIL	26 3 31	26 10 44		MAY .	22 7 24	22 16 44
	MAY .	25 16 15	25 17 42		○	{ 6 1 46	5 16 59
	JUNE .	24 4 59	24 0 22		JUNE .	{ 20 20 8	21 5 2
	JULY .	23 17 43	23 7 51		JULY .	20 8 52	20 15 30
	○	{ 7 12 5	7 17 30		AUG. .	18 21 36	19 0 51
	AUG. .	{ 22 6 27	21 17 11		SEPT. .	17 10 20	17 9 58
	SEPT. .	20 19 11	20 5 16		OCT. .	16 23 4	16 19 32
	OCT. .	20 7 55	19 20 26		NOV. .	{ 15 11 48	15 6 0
	NOV. .	18 20 39	18 14 17		○	{ 30 6 10	30 12 16
	DEC. .	18 9 23	18 9 41		DEC. .	15 0 32	14 17 35
576. E.D.	JAN. .	{ 16 22 7	17 5 1	579. A.	JAN. .	13 13 16	13 6 18
	○	{ 31 16 29	31 14 26	19 3 51	FEB. .	12 2 1	11 20 11
18 10 24	FEB. .	15 10 51	15 22 37		MAR. .	13 14 45	13 11 5
	MAR. .	15 23 35	16 13 25		APRIL	12 3 29	12 2 42
	APRIL	14 12 19	15 1 9		MAY .	{ 11 16 13	11 18 30
	MAY .	14 1 3	14 10 16		○	{ 26 10 35	26 9 11
	JUNE .	12 13 47	12 17 40		JUNE .	10 4 57	10 9 45
	JULY .	{ 12 2 31	12 0 29		JULY .	9 17 41	9 28 52
	○	{ 26 20 53	26 19 54		AUG. .	8 6 25	8 12 37
	AUG. .	10 15 15	10 7 49		SEPT. .	6 19 9	7 0 13
	SEPT. .	9 3 59	8 16 38		OCT. .	6 7 53	6 11 9
	OCT. .	8 16 43	8 3 44		NOV. .	{ 4 20 37	4 21 51
	NOV. .	7 5 27	6 17 33		○	{ 19 14 59	19 11 45
	DEC. .	6 18 11	6 9 57		DEC. .	4 9 21	4 8 37
577. C.	JAN. .	5 6 56	5 4 15	580. G.F.	JAN. .	2 22 6	2 19 38
18 16 18	FEB. .	3 19 40	3 23 6		FEB. .	1 10 50	1 6 41
	MAR. .	5 8 24	5 17 3	18 9 40	MAR. .	{ 1 23 34	1 18 12
	APRIL	3 21 8	4 8 52		○	{ 31 12 18	31 6 31
	MAY .	3 9 52	3 21 58		APRIL	30 1 2	29 19 54
	JUNE .	1 22 36	2 8 29		MAY .	29 13 46	29 10 26
	JULY .	{ 1 11 20	1 17 4		JUNE .	28 2 30	28 1 45
	○	{ 31 0 4	31 0 47		JULY .	27 15 14	27 17 15
	AUG. .	29 12 48	29 8 41		AUG. .	26 3 58	26 8 18
	SEPT. .	28 1 32	27 17 37		SEPT. .	24 16 42	24 22 29
	OCT. .	27 14 16	27 4 11		OCT. .	24 5 26	24 11 39
	NOV. .	26 3 0	25 16 43		NOV. .	22 18 10	22 23 55
	○	{ 10 21 22	11 7 21		DEC. .	22 6 54	22 11 20
	DEC. .	25 15 44	25 7 18				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 581.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 584.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	20 19 38	20 21 55	March.	JAN. .	18 10 48	18 22 21
<i>d. h. m.</i>	FEB. .	19 8 22	19 7 50	<i>d. h. m.</i>	FEB. .	16 23 32	17 13 21
18 15 28	MAR. .	20 21 6	20 17 25	18 8 55	MAR. .	17 12 16	18 1 18
	○	{ 4 15 28	5 4 35		APRIL	16 1 1	16 10 37
	APRIL	{ 19 9 50	19 3 22		MAY .	15 13 45	15 18 5
	MAY .	18 22 34	18 14 24		JUNE .	14 2 29	14 0 45
	JUNE .	17 11 18	17 3 7		JULY .	13 15 12	13 7 41
	JULY .	17 0 2	16 17 44		AUG. .	12 8 57	11 16 2
	AUG. .	15 12 46	15 9 50		SEPT. .	10 16 41	10 2 45
	SEPT. .	{ 14 1 30	14 2 40		OCT. .	10 5 25	9 16 26
	○	{ 28 19 52	28 9 32		NOV. .	8 18 9	8 9 5
	OCT. .	13 14 14	13 19 18		DEC. .	8 6 53	8 8 54
	NOV. .	12 2 58	12 10 57				
	DEC. .	11 15 42	12 1 5	585.	JAN. .	{ 6 19 37	6 23 26
				G.	○	{ 21 13 59	21 13 33
582.	JAN. .	10 4 26	10 13 26		FEB. .	5 8 21	5 17 58
D.	FEB. .	8 17 11	9 0 4		MAR. .	6 21 5	7 10 11
18 21 17	MAR. .	{ 10 5 55	10 9 14	18 14 44	APRIL	5 9 49	5 23 22
	○	{ 25 0 17	25 7 39		MAY .	4 22 33	5 9 89
	APRIL	8 13 39	8 17 28		JUNE .	3 11 17	3 17 48
	MAY .	8 7 23	8 1 35		JULY .	{ 3 0 1	3 0 49
	JUNE .	6 20 7	6 10 35		○	{ 17 18 23	17 15 15
	JULY .	6 8 51	5 21 26		AUG. .	{ 1 12 45	1 7 53
	AUG. .	4 21 35	4 10 46		○	{ 31 1 29	30 15 53
	SEPT. .	{ 3 10 19	3 2 37		SEPT. .	29 14 13	29 1 59
	○	{ 18 4 41	18 1 34		OCT. .	29 2 57	28 14 28
	OCT. .	2 23 3	2 20 22		NOV. .	27 15 41	27 5 37
	NOV. .	1 11 47	1 14 49		DEC. .	27 4 25	26 23 0
	DEC. .	{ 1 0 31	1 8 39				
		{ 30 13 15	31 0 42		○	{ 10 22 48	11 5 23
583.	JAN. .	29 2 0	29 14 19	586.	JAN. .	{ 25 17 10	25 17 35
C.	FEB. .	27 14 44	28 1 23	F.	FEB. .	24 5 54	24 11 58
19 3 6	○	{ 14 9 6	14 7 46	18 20 33	MAR. .	23 18 33	26 4 50
	MAR. .	{ 29 3 28	29 10 20		APRIL	24 7 22	24 19 13
	APRIL	27 16 12	27 17 50		MAY .	23 20 6	24 7 2
	MAY .	27 4 56	27 0 50		JUNE .	22 8 50	22 16 34
	JUNE .	25 17 40	25 8 27		○	{ 7 8 12	6 17 1
	JULY .	25 6 24	24 17 44		JULY .	{ 21 21 34	22 0 44
	AUG. .	23 19 8	23 5 39		AUG. .	20 10 18	20 8 37
	○	{ 7 13 30	7 17 10		SEPT. .	18 23 2	18 17 7
	SEPT. .	{ 22 7 52	21 20 35		OCT. .	18 11 46	18 2 57
	OCT. .	21 20 36	21 14 12		NOV. .	17 0 30	16 14 32
	NOV. .	20 9 20	20 9 26		DEC. .	{ 16 13 14	16 4 3
	DEC. .	19 22 4	20 4 41		○	{ 31 7 36	31 18 43

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 587. κ. March. d. h. m. 18 2 21		d. h. m.	d. h. m.	A.D. 590. Α. March. d. h. m. 18 19 48		d. h. m.	d. h. m.
	JAN. .	15 1 58	14 19 21		JAN. .	11 17 8	11 21 9
	FEB. .	13 14 42	13 11 57		FEB. .	10 5 52	10 7 13
	MAR. .	15 3 26	15 5 5		MAR. .	11 18 36	11 16 40
	APRIL .	13 16 10	13 21 47		APRIL .	10 7 20	10 2 6
	MAY .	13 4 54	13 13 6		○	25 1 42	25 14 22
	JUNE .	11 17 38	12 2 32		MAY .	9 20 4	9 12 14
	○	26 12 0	26 1 23		JUNE .	8 8 48	7 23 53
	JULY .	11 6 22	11 14 1		JULY .	7 21 32	7 13 31
	AUG. .	9 19 6	10 0 3		AUG. .	6 10 16	6 5 0
	SEPT. .	8 7 50	8 9 25		SEPT. .	4 23 0	4 21 46
	OCT. .	7 20 34	7 18 55		OCT. .	4 11 44	4 14 54
	NOV. .	6 9 18	6 5 8		○	19 6 6	18 19 11
	DEC. .	5 22 2	5 16 7		NOV. .	3 0 28	3 7 24
					DEC. .	2 13 12	2 22 32
588. D.C. 18 8 10	JAN. .	4 10 47	4 4 9	591. G. 19 1 37	JAN. .	1 1 56	1 11 51
	FEB. .	2 23 31	2 17 13		FEB. .	80 14 41	80 23 17
	MAR. .	3 12 15	3 7 18		...	...	...
	APRIL .	2 0 59	1 22 20		MAR. .	1 3 25	1 8 58
		1 13 43	1 13 56		...	...	...
	MAY ○	16 8 5	16 9 34		APRIL .	30 16 9	30 17 23
		31 2 27	31 5 28		MAY .	29 4 53	29 1 15
	JUNE .	29 15 11	29 20 18		JUNE .	28 17 37	28 9 31
	JULY .	29 3 55	29 9 56		JULY .	27 6 21	26 19 13
	AUG. .	27 16 39	27 22 21		AUG. .	26 19 5	26 7 14
	SEPT. .	26 5 23	26 9 50		SEPT. .	25 7 49	24 21 56
	OCT. .	25 18 7	25 20 50		OCT. .	23 20 33	23 15 0
	○	9 12 29	9 6 6		NOV. .	23 9 17	23 9 26
	NOV. .	24 6 51	24 7 42		DEC. .	21 22 1	22 3 56
	DEC. .	23 19 35	23 18 32			21 10 45	21 21 19
589. H. 18 13 50	JAN. .	22 8 20	22 5 25	592. F.E. 18 7 26	JAN. .	19 23 30	20 12 8
	FEB. .	20 21 4	20 16 28		FEB. .	18 12 14	19 0 18
	MAR. .	22 9 48	22 4 2		○	4 6 36	4 8 21
	APRIL .	20 22 32	20 16 33		MAR. .	19 0 58	19 10 6
	○	5 16 54	6 2 15		APRIL .	17 13 42	17 13 4
	MAY .	20 11 16	20 6 20		MAY .	17 2 26	17 1 5
	JUNE .	18 23 59	18 21 14		JUNE .	15 15 10	15 8 10
	JULY .	18 12 48	18 12 48		JULY .	15 3 54	14 16 23
	AUG. .	17 1 27	17 4 21		AUG. .	13 16 33	13 3 0
	SEPT. .	15 14 11	15 19 18		○	28 11 0	28 15 56
	OCT. .	15 2 55	15 9 18		SEPT. .	12 5 22	11 16 29
	○	29 21 17	29 8 57		OCT. .	11 18 6	11 8 57
	NOV. .	13 15 39	13 22 11		NOV. .	10 6 50	10 3 39
	DEC. .	13 4 23	13 10 10		DEC. .	9 19 34	9 23 11

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 593.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 596.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	8 8 18	8 17 51	A.G. March.	JAN. .	5 23 28	5 15 41
March.	FEB. .	{ 6 21 2	7 10 14	<i>d. h. m.</i>	FEB. .	4 12 12	4 7 28
<i>d. h. m.</i>	○	{ 21 15 24	21 9 49	18 6 41	MAR. .	5 0 56	5 0 10
18 13 14	MAR. .	8 9 46	8 23 38		APRIL .	3 13 40	3 16 58
	APRIL .	6 22 30	7 10 5		MAY .	3 2 24	3 8 59
	MAY .	6 11 14	6 18 17		JUNE .	{ 1 15 8	1 23 25
	JUNE .	4 23 58	5 1 9		○	{ 16 9 30	16 0 33
	JULY .	4 12 42	4 7 49		JULY .	{ 1 3 52	1 11 58
	AUG. .	{ 3 1 26	2 15 25		AUG. .	{ 30 16 36	30 22 51
	○	{ 17 19 48	18 0 37		SEPT. .	29 5 20	29 8 42
	SEPT. .	1 14 10	{ 1 0 55		OCT. .	27 18 4	27 18 18
	○	{ 1 2 54	{ 30 13 10		NOV. .	27 6 48	27 4 16
	OCT. .	{ 30 15 38	30 4 27		○	{ 10 13 54	10 20 23
	NOV. .	29 4 22	28 22 19		DEC. .	{ 25 8 16	25 2 25
	DEC. .	28 17 6	28 17 38				
594.	JAN. .	27 5 51	27 12 48	597.	JAN. .	23 21 1	23 14 46
C.	○	{ 11 0 13	10 22 58	F.	FEB. .	22 9 45	22 4 4
18 19 3	FEB. .	{ 25 18 35	26 6 12	18 12 30	MAR. .	23 22 29	23 18 20
	MAR. .	27 7 19	27 20 51		APRIL .	22 11 13	22 9 28
	APRIL .	25 20 3	26 8 29		MAY .	21 23 57	22 0 59
	MAY .	25 8 47	25 17 35		○	{ 5 18 19	5 16 33
	JUNE .	23 21 31	24 1 4		JUNE .	{ 20 12 41	20 16 16
	JULY .	23 10 15	23 8 6		JULY .	20 1 25	20 6 41
	○	{ 7 4 37	7 2 38		AUG. .	18 14 9	18 19 57
	AUG. .	{ 21 22 59	21 15 42		SEPT. .	17 2 53	17 8 9
	SEPT. .	20 11 43	20 0 48		OCT. .	16 15 37	16 19 37
	OCT. .	20 0 27	19 12 5		NOV. .	{ 15 4 21	15 6 48
	NOV. .	18 13 11	18 1 56		○	{ 29 22 43	29 19 43
	DEC. .	18 1 55	17 18 12		DEC. .	14 17 5	14 17 36
595.	JAN. .	16 14 39	16 12 9	598.	JAN. .	13 5 49	13 4 23
B.	FEB. .	15 3 23	15 6 37	E.	FEB. .	11 18 33	11 15 5
19 0 52	MAR. .	16 16 7	17 0 12	18 18 19	MAR. .	13 7 17	13 2 4
	APRIL .	15 4 51	15 15 51		APRIL .	11 20 1	11 13 46
	MAY .	14 17 35	15 4 56		MAY .	11 8 45	11 2 38
	JUNE .	13 6 19	13 15 34		JUNE .	9 21 29	9 16 55
	JULY .	12 19 3	13 0 26		JULY .	9 10 13	9 8 14
	AUG. .	11 7 47	11 8 31		AUG. .	7 22 57	8 0 2
	SEPT. .	9 20 31	9 16 53		SEPT. .	6 11 41	6 15 36
	OCT. .	9 9 15	9 2 5		OCT. .	6 0 25	6 6 24
	NOV. .	7 21 59	7 12 52		NOV. .	4 18 9	4 20 10
	DEC. .	{ 7 10 43	7 1 23		DEC. .	4 1 53	4 8 45
	○	{ 22 5 5	22 15 55				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 599. D. March. d. h. m. 19 0 7		d. h. m.	d. h. m.	A.D. 602. G. March. d. h. m. 18 17 34		d. h. m.	d. h. m.
	JAN. .	2 14 38	2 20 15		JAN. .	28 18 31	29 6 22
	FEB. .	1 3 22	1 6 38		FEB. .	27 7 16	27 21 15
	MAR. .	2 16 6	2 16 8		MAR. .	28 20 0	29 9 3
	APRIL O	{ 1 4 50 15 23 12 30 17 31	{ 1 1 14 16 11 45 30 10 41		APRIL	27 8 44	27 18 10
	MAY .	30 6 18	29 21 18		MAY .	26 21 28	27 1 31
	JUNE .	28 19 2	28 9 48		JUNE .	25 10 12	25 8 10
	JULY .	28 7 46	28 0 24		JULY .	24 22 56	24 15 14
	AUG. .	26 20 30	26 16 46		AUG. .	23 11 40	22 23 46
	SEPT. .	25 9 14	25 10 4		SEPT. .	22 0 24	21 10 39
	O	{ 10 3 36 24 21 58	{ 9 17 58 25 3 15		OCT. .	21 13 8	21 0 28
	OCT. .	23 10 42	23 19 23		NOV. .	20 1 52	19 17 10
	NOV. .	22 23 26	23 9 46		DEC. .	19 14 36	19 11 54
	DEC. .	21 12 11	21 22 9	603. F.	JAN. .	18 3 21	18 7 16
600. C.B. 18 5 56	FEB. .	20 0 55	20 8 32	18 23 23	O	{ 1 21 43 16 16 5	{ 1 22 14 17 1 36
	MAR. .	20 13 39	20 17 20		MAR. .	18 4 49	18 17 36
	O	{ 4 8 1 19 2 23	{ 4 14 34 19 1 10		APRIL	16 17 33	17 6 40
	APRIL	18 15 7	18 8 56		MAY .	16 6 17	16 16 56
	MAY .	17 3 51	16 17 41		JUNE .	14 19 1	15 1 8
	JUNE .	16 16 35	16 4 24		JULY .	{ 14 7 45 29 2 7	{ 14 8 21 28 21 53
	AUG. .	15 5 19	14 17 46		O	12 20 29	12 15 40
	SEPT. .	{ 13 18 3 28 12 25	{ 13 9 51 28 9 58		AUG. .	11 9 13	11 0 4
	O	13 6 47	13 3 55		SEPT. .	10 21 57	10 10 19
	OCT. .	11 19 31	11 22 46		OCT. .	9 10 41	8 22 55
	NOV. .	11 8 15	11 16 54		NOV. .	8 23 25	8 13 53
	DEC. .	9 20 59	10 9 6	604. E.D.	JAN. .	{ 7 12 9 22 6 31	{ 7 7 3 22 14 13
601. A. 18 11 45	FEB. .	8 9 48	8 22 39	18 5 12	O	6 0 53	6 1 13
	MAR. .	{ 9 22 27 24 16 49	{ 10 9 31 24 14 53		FEB. .	6 13 37	6 19 13
	O	8 11 11	8 18 10		MAR. .	5 2 21	5 11 48
	APRIL	7 23 55	8 1 23		APRIL	4 15 5	5 2 10
	MAY .	6 12 39	6 8 13		MAY .	3 3 49	3 14 2
	JUNE .	6 1 23	5 15 45		JUNE .	{ 2 16 33 17 10 55	{ 2 23 47 16 23 50
	AUG. .	4 14 7	4 1 4		O	{ 1 5 17 30 18 1	{ 1 8 19 30 16 26
	SEPT. .	{ 3 2 51 17 21 13	{ 2 13 5 18 1 13		AUG. .	29 6 45	29 1 30
	O	2 15 35	2 4 10		SEPT. .	28 19 29	28 11 36
	OCT. .	{ 1 4 19 30 17 3	{ 31 22 0 30 17 23		OCT. .	27 8 13	26 23 16
	NOV. .	30 5 47	30 12 43		NOV. .	26 20 57	26 12 36
	DEC. .				DEC. .		

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 605. C.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 608. G.F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 18 11 0	○ JAN. . FEB. . MAR. . APRIL MAY . JUNE . ○ JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	{ 10 15 20 25 9 42 23 22 26 25 11 10 23 23 54 23 12 38 22 1 22 6 19 44 21 14 6 20 2 50 18 15 34 18 4 18 16 17 2 16 5 46	11 3 16 25 3 29 23 19 31 25 12 8 24 4 29 23 19 44 22 9 18 6 8 37 21 21 10 20 7 42 18 17 35 18 3 31 16 13 57 16 1 1	March. <i>d. h. m.</i> 18 4 27	JAN. . FEB. . MAR. . APRIL ○ MAY . JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	23 0 52 21 13 36 22 2 20 20 15 4 5 9 26 20 3 48 18 16 32 18 5 16 16 18 0 15 6 44 14 19 23 29 13 50 13 8 12 12 20 56	23 5 56 21 15 40 22 0 41 20 9 35 5 21 26 19 19 19 18 6 40 17 20 12 16 11 51 15 5 0 14 22 38 29 3 47 13 15 37 18 7 6
606. B. 18 16 49	JAN. . FEB. . MAR. . APRIL MAY . ○ JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . ○ DEC. .	14 18 30 13 7 14 14 19 58 13 8 42 12 21 26 27 15 48 11 10 10 10 22 54 9 11 38 8 0 22 7 13 6 6 1 50 20 20 12 5 14 34	14 12 47 13 1 21 14 14 49 13 5 17 12 20 29 27 17 2 11 11 55 11 2 55 9 17 1 8 6 0 7 18 5 6 5 33 20 14 4 5 16 38	609. E. 18 10 16	JAN. . FEB. . MAR. . APRIL MAY . JUNE . JULY . AUG. . SEPT. . OCT. . NOV. . DEC. .	11 9 40 9 22 24 11 11 8 9 23 52 9 12 36 8 1 20 7 14 4 6 2 48 4 15 32 4 4 16 2 17 0 2 5 44 31 18 28	11 20 32 10 7 48 11 17 10 10 1 12 9 8 43 7 16 43 7 2 16 5 14 16 4 5 5 3 22 26 2 17 15 2 12 3 ...
607. A. 18 22 33	JAN. . FEB. . MAR. . APRIL ○ MAY ○ JUNE . JULY . AUG. . SEPT. . OCT. . ○ NOV. . DEC. .	4 3 19 2 16 3 4 4 47 2 17 31 2 6 15 17 0 37 31 18 59 30 7 43 29 20 27 28 9 11 26 21 55 26 10 39 10 5 1 24 23 23 24 12 7	4 3 27 2 14 2 4 0 33 2 11 31 1 23 31 17 9 38 31 12 55 30 3 43 29 19 28 28 11 28 27 2 59 26 17 35 9 17 18 25 6 58 24 19 4	610. D. 18 16 5	JAN. . FEB. . ○ MAR. . APRIL MAY . JUNE . JULY . AUG. . ○ SEPT. . OCT. . NOV. . DEC. .	{ ... 30 7 13 23 19 57 15 14 19 30 8 41 23 21 25 23 10 9 26 22 53 26 11 37 25 0 21 8 18 43 23 13 5 23 1 49 21 14 33 21 3 17	1 5 27 30 20 23 1 8 28 15 10 41 30 18 1 29 1 42 28 8 31 26 15 31 25 23 50 24 10 27 8 23 46 23 0 4 22 16 43 21 11 33 21 7 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 611. c.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 614. E.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 18 21 53	JAN. .	19 16 1	20 1 48	March. <i>d. h. m.</i> 18 15 19	○	{ 1 12 50	2 0 25
	FEB. .	18 4 45	18 18 7		JAN. .	{ 16 7 12	16 0 2
	○	{ 4 23 7	4 17 44		FEB. .	{ 14 19 56	14 15 16
	MAR. .	{ 19 17 30	20 7 22		MAR. .	{ 16 8 40	16 7 24
	APRIL	18 6 14	18 17 40		APRIL	14 21 24	14 23 46
	MAY .	17 18 58	18 1 44		MAY .	14 10 8	14 15 34
	JUNE .	16 7 42	16 8 36		JUNE .	{ 12 22 52	13 6 4
	JULY .	15 20 26	15 15 22		○	{ 27 17 14	27 7 49
	AUG. .	{ 14 9 10	13 23 7		JULY .	12 11 36	12 18 55
	○	{ 29 3 32	29 7 52		AUG. .	11 0 20	11 6 16
	SEPT. .	12 21 54	12 8 50		SEPT. .	9 13 4	9 16 41
	OCT. .	12 10 38	11 21 14		OCT. .	9 1 48	9 2 46
	NOV. .	10 23 22	10 12 35		NOV. .	7 14 32	7 13 6
	DEC. .	10 12 6	10 6 23		DEC. .	{ 7 3 16	6 23 53
					○	{ 21 21 33	22 4 29
612. H.A.	JAN. .	9 0 50	9 1 32	615. E.	JAN. .	5 16 0	5 11 12
18 8 42	FEB. .	{ 7 18 34	7 20 26	18 21 8	FEB. .	4 4 44	3 23 8
	○	{ 22 7 56	22 7 21		MAR. .	5 17 28	5 11 51
	MAR. .	8 2 18	8 13 28		APRIL	4 6 12	4 1 31
	APRIL	6 15 2	7 4 7		MAY .	3 18 56	3 16 9
	MAY .	6 3 46	6 15 42		JUNE .	{ 2 7 40	2 7 26
	JUNE .	4 16 30	5 0 51		○	{ 17 2 2	17 0 4
	JULY .	4 5 14	4 8 30		JULY .	{ 1 20 24	1 22 45
	AUG. .	{ 2 17 53	{ 2 15 47		○	{ 31 9 8	31 13 33
	○	{ 17 12 20	{ 17 9 27		AUG. .	29 21 52	30 3 22
		{ 1 6 42	{ 31 23 41		SEPT. .	28 10 36	28 16 11
	SEPT. .	{ 30 19 26	30 9 5		OCT. .	27 23 20	28 4 10
	OCT. .	30 8 10	29 20 33		NOV. .	26 12 4	26 15 36
	NOV. .	28 20 54	28 10 23		○	{ 11 6 26	11 3 41
	DEC. .	28 9 33	28 2 25		DEC. .	{ 26 0 48	26 2 33
613. G.	JAN. .	26 22 22	26 19 53	616. D.C.	JAN. .	24 13 33	24 13 8
18 9 31	FEB. .	25 11 6	25 13 59	18 2 57	FEB. .	23 2 17	22 23 25
	MAR. .	26 23 51	27 7 16		MAR. .	23 15 1	23 9 48
	APRIL	25 12 35	25 22 44		APRIL	22 3 45	21 20 57
	MAY .	25 1 19	25 11 50		MAY .	21 16 29	21 9 24
	JUNE .	23 14 8	23 22 40		○	{ 5 10 51	5 17 8
	JULY .	23 2 47	23 7 52		JUNE .	{ 20 5 13	19 23 24
	AUG. .	21 15 81	21 16 22		JULY .	19 17 57	19 14 47
	SEPT. .	20 4 15	20 1 4		AUG. .	18 6 41	18 6 56
	OCT. .	19 16 59	19 10 41		SEPT. .	16 19 25	16 23 4
	NOV. .	18 5 43	17 21 38		OCT. .	16 8 9	16 14 23
	DEC. .	17 18 27	17 10 5		NOV. .	14 20 53	15 4 43
					DEC. .	14 9 37	14 17 36

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 617. B. March. <i>d. h. m.</i> 18 8 46		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 620. F.E. March. <i>d. h. m.</i> 18 2 12		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	12 22 22	13 5 5		JAN. .	10 18 31	10 20 40
	FEB. .	11 11 6	11 15 18		FEB. .	9 2 15	9 14 14
	MAR. .	12 23 50	13 0 18		MAR. .	9 14 59	10 4 58
	APRIL	{ 11 12 34	11 8 55		APRIL	8 3 43	8 16 36
	○	{ 26 6 56	26 18 47		MAY .	7 16 27	8 1 37
	MAY .	11 1 18	10 17 55		JUNE .	6 5 11	6 8 57
	JUNE .	9 14 2	9 4 12		JULY .	5 17 55	5 15 39
	JULY .	9 2 46	8 16 31		AUG. .	4 6 39	3 22 53
	AUG. .	7 15 30	7 7 11		SEPT. .	2 19 23	2 7 37
	SEPT. .	6 4 14	5 23 51		○	{ 2 8 7	1 18 43
	OCT. .	{ 5 16 58	5 17 37		OCT. .	{ 31 20 51	31 8 39
	○	{ 20 11 20	20 2 31		NOV. .	30 9 35	30 1 18
	NOV. .	4 5 42	4 11 18		DEC. .	29 22 19	29 19 51
	DEC. .	3 18 26	4 3 49				
618. A.	JAN. .	{ 2 7 10	2 18 24	621. D.	JAN. .	28 11 3	28 14 56
		{ 31 19 54	...		○	{ 12 5 25	12 8 44
	FEB. .	...	1 6 42		FEB. .	{ 26 23 48	27 9 3
18 14 35	MAR. .	{ 2 8 38	2 16 51	18 8 1	MAR. .	28 12 32	29 0 52
	○	{ 31 21 22	{ 1 1 16		APRIL	27 1 16	27 13 51
		{ 15 15 44	{ 15 21 22		MAY .	26 14 0	27 0 7
	APRIL	{ 30 10 6	{ 30 8 45		JUNE .	25 2 44	25 8 28
	MAY .	29 22 50	29 16 15		JULY .	24 15 23	24 15 56
	JUNE .	28 11 34	28 0 49		○	{ 8 9 50	8 4 37
	JULY .	28 0 18	27 11 29		AUG. .	{ 23 4 12	22 23 33
	AUG. .	26 13 2	26 0 55		SEPT. .	21 16 56	21 8 18
	SEPT. .	25 1 46	24 17 13		OCT. .	21 5 40	20 18 47
	○	{ 9 20 8	9 18 28		NOV. .	19 18 24	19 7 27
	OCT. .	{ 24 14 30	24 11 35		DEC. .	19 7 8	18 22 20
	NOV. .	23 3 14	23 6 44				
	DEC. .	22 15 58	23 1 7	622. C.	JAN. .	17 19 53	17 15 4
619. G.	JAN. .	21 4 42	21 17 22		○	{ 1 14 15	1 22 51
18 20 24	FEB. .	19 17 27	20 6 50	18 13 50	FEB. .	{ 16 8 37	16 8 47
	MAR. .	21 6 11	21 17 29		MAR. .	17 21 21	18 2 21
	○	{ 5 0 33	4 21 5		APRIL	16 10 5	16 18 42
	APRIL	{ 19 18 55	20 1 53		MAY .	15 22 49	16 8 59
	MAY .	19 7 39	19 8 55		JUNE .	14 11 33	14 20 59
	JUNE .	17 20 23	17 15 38		JULY .	{ 14 0 17	14 7 4
	JULY .	17 9 7	16 23 10		○	{ 28 18 39	28 6 46
	AUG. .	15 21 51	15 8 34		AUG. .	12 13 1	12 16 1
	SEPT. .	{ 14 10 35	13 20 42		SEPT. .	11 1 45	11 0 43
	○	{ 29 4 57	29 9 24		OCT. .	10 14 29	10 10 1
	OCT. .	13 23 19	13 11 57		NOV. .	9 3 13	8 20 23
	NOV. .	12 12 3	12 5 53		DEC. .	8 15 57	8 8 4
	DEC. .	12 0 47	12 1 21				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 623.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 626.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.	JAN. .	{ 7 4 41	6 21 8	E.	JAN. .	3 19 51	4 3 55
	○	{ 21 23 3	22 11 42	March.	FEB. .	2 8 35	2 14 37
March.	FEB. .	5 17 25	5 11 30	<i>d. h. m.</i>	MAR. .	3 21 19	3 23 58
<i>d. h. m.</i>	MAR. .	7 6 9	7 2 58	18 13 5	APRIL	2 10 3	2 8 32
18 19 39	APRIL	5 18 53	5 19 3		MAY ○	{ 1 22 47	1 17 0
	MAY .	5 7 37	5 11 4			{ 16 17 9	17 4 24
	JUNE .	3 20 21	4 2 16			{ 31 11 31	31 2 21
	JULY .	{ 3 9 5	3 16 5		JUNE .	30 0 15	29 13 29
	○	{ 18 3 27	17 15 52		JULY .	29 12 59	29 2 57
	AUG. .	{ 1 21 49	2 4 21		AUG. .	28 1 43	27 18 49
		{ 31 10 33	31 15 25		SEPT. .	26 14 27	26 12 21
	SEPT. .	29 23 17	30 1 52		OCT. .	26 3 11	26 6 27
	OCT. .	29 12 1	29 12 15		○	{ 9 21 33	9 12 29
	NOV. .	28 0 45	27 22 53		NOV. .	{ 24 15 55	24 23 53
	DEC. .	27 18 29	27 9 55		DEC. .	24 4 39	24 15 38
624.	JAN. .	26 2 13	25 21 21	627.	JAN. .	22 17 23	23 5 6
A.G.	FEB. .	24 14 58	24 9 22	D.	FEB. .	21 6 7	21 16 10
18 1 23	MAR. .	25 3 42	24 22 15	18 18 54	MAR. .	22 18 52	23 1 14
	APRIL	23 16 26	23 12 8		APRIL	21 7 36	21 8 56
	MAY .	23 5 10	23 2 59		MAY .	20 20 20	20 16 10
	○	{ 6 23 32	7 0 29		JUNE .	19 9 4	18 23 56
	JUNE .	{ 21 17 54	21 18 21		JULY .	18 21 43	18 9 24
	JULY .	21 6 38	21 9 37		AUG. .	17 10 32	16 21 26
	AUG. .	19 19 22	20 0 11		SEPT. .	15 23 16	15 12 25
	SEPT. .	18 8 6	18 13 43		OCT. .	15 12 0	15 6 1
	OCT. .	17 20 50	18 2 28		NOV. .	14 0 44	14 1 7
	NOV. .	16 9 34	{ 16 14 22		DEC. .	13 18 23	13 20 11
	○	{ 1 3 56	{ 30 22 6				
	DEC. .	{ 15 22 18	16 1 38	628.	JAN. .	12 2 13	12 13 41
625.	JAN. .	14 11 3	14 12 20	C.B.	FEB. .	10 14 57	11 4 34
F.	FEB. .	12 23 47	12 22 30	18 0 43	MAR. .	{ 11 3 41	11 16 29
18 7 17	MAR. .	14 12 31	14 8 31		○	{ 25 22 3	25 17 56
	APRIL	13 1 15	12 18 57		APRIL	9 16 25	10 1 47
	MAY .	{ 12 18 59	12 6 26		MAY .	9 5 9	9 9 17
	○	{ 27 8 21	27 16 57		JUNE .	7 17 53	7 15 58
	JUNE .	11 2 43	10 19 31		JULY .	7 6 37	6 22 57
	JULY .	10 15 27	10 10 14		AUG. .	5 19 21	5 7 19
	AUG. .	9 4 11	9 2 12		SEPT. .	{ 4 8 5	3 18 5
	SEPT. .	7 16 55	7 13 41		○	{ 19 2 27	19 7 43
	OCT. .	7 5 39	7 10 49		OCT. .	3 20 49	3 7 52
	NOV. .	{ 5 18 23	6 1 57		NOV. .	2 9 33	2 0 37
	○	{ 20 12 45	20 1 38		DEC. .	{ 1 22 17	1 19 32
	DEC. .	5 7 7	5 15 42			{ 31 11 1	31 15 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 629. A.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 632. E.D.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 18 6 32	JAN. .	29 23 45	30 9 41	March. <i>d. h. m.</i> 17 23 58	○	{ 12 20 33	13 8 47
	FEB. .	28 12 29	{ 1 1 50		JAN. .	{ 27 14 55	27 8 17
	○	{ 15 6 51	{ 15 1 35		FEB. .	26 8 39	25 22 57
	MAR. .	{ 30 1 13	{ 30 14 55		MAR. .	26 16 23	26 14 30
	APRIL	28 13 57	29 1 7		APRIL	25 5 7	25 6 26
	MAY .	28 2 41	28 9 8		MAY .	24 17 51	24 22 8
	JUNE .	26 15 25	26 16 3		JUNE .	23 6 35	23 12 40
	JULY .	26 4 9	25 22 57		○	{ 8 0 57	7 15 8
	AUG. .	24 16 53	24 6 56		JULY .	{ 22 19 19	23 1 54
	○	{ 8 11 15	8 15 14		AUG. .	21 8 3	21 13 47
	SEPT. .	{ 23 5 37	22 16 53		SEPT. .	19 20 47	20 0 45
	OCT. .	22 18 21	22 5 27		OCT. .	19 9 31	19 11 20
	NOV. .	21 7 5	20 20 47		NOV. .	17 22 15	17 21 59
	DEC. .	20 19 49	20 14 27		DEC. .	17 10 59	17 8 50
630. G.	JAN. .	19 8 34	19 9 21	633. C.	○	{ 1 5 22	1 12 31
18 12 21	FEB. .	17 21 18	18 3 58	18 5 47	JAN. .	{ 15 23 44	15 19 56
	○	{ 4 15 40	4 15 37		FEB. .	14 12 28	14 7 23
	MAR. .	{ 19 10 2	19 20 52		MAR. .	16 1 12	15 19 31
	APRIL	17 22 46	18 11 16		APRIL	14 13 56	14 8 35
	MAY .	17 11 30	17 22 50		MAY .	14 2 40	13 22 46
	JUNE .	16 0 14	16 8 6		JUNE .	{ 12 15 24	12 13 52
	JULY .	15 12 58	15 16 0		○	{ 27 9 46	27 7 32
	AUG. .	{ 14 1 42	13 23 36		JULY .	12 4 8	12 5 19
	○	{ 23 20 4	23 16 23		AUG. .	10 16 52	10 20 30
	SEPT. .	12 14 26	12 7 51		SEPT. .	9 5 36	9 10 54
	OCT. .	12 3 10	11 17 33		OCT. .	8 18 20	9 0 20
	NOV. .	10 15 54	10 5 10		NOV. .	7 7 4	7 12 51
	DEC. .	10 4 38	9 18 55		DEC. .	{ 6 19 48	7 0 32
631. F.	JAN. .	8 17 23	8 10 37	634. B.	○	{ 21 14 10	21 11 41
18 18 10	FEB. .	7 6 7	7 3 41	18 11 36	JAN. .	5 8 32	5 11 30
	MAR. .	8 18 51	8 21 16		FEB. .	3 21 16	3 21 45
	APRIL	7 7 35	7 14 11		MAR. .	5 10 0	5 7 35
	MAY .	6 20 19	7 5 29		APRIL	3 22 44	3 17 26
	JUNE .	5 9 3	5 18 41		MAY .	3 11 28	3 4 8
	JULY .	4 21 47	5 5 47		JUNE .	{ 2 0 12	1 16 6
	AUG. .	3 10 31	3 15 22		○	{ 16 18 34	17 0 28
	SEPT. .	1 23 15	2 0 19		JULY .	{ 1 12 56	1 5 57
	OCT. .	{ 1 11 59	1 9 29			{ 31 1 40	30 21 26
		{ 31 0 43	30 19 27		AUG. .	29 14 24	29 13 57
	NOV. .	29 13 27	29 6 30		SEPT. .	28 3 8	28 6 37
	DEC. .	29 2 11	28 18 47		OCT. .	27 15 52	27 22 36
					NOV. .	26 4 36	26 13 13
					DEC. .	25 17 20	26 2 24

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 635.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 638.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	24 6 5	24 13 48	March.	JAN. .	20 21 15	21 4 33
<i>d. h. m.</i>	FEB. .	22 18 49	22 23 38	<i>d. h. m.</i>	FEB. .	19 9 59	19 21 57
18 17 25	MAR. .	24 7 33	24 8 19	18 10 51	MAR. .	20 22 43	21 12 32
	APRIL	22 20 17	22 16 31		APRIL	19 11 27	20 0 8
	○	{ 7 14 39	8 1 40		MAY .	19 0 11	19 9 0
	MAY .	{ 22 9 1	22 1 7		JUNE .	17 12 55	17 16 23
	JUNE .	20 21 45	20 11 7		JULY .	17 1 39	16 23 13
	JULY .	20 10 29	19 23 21		AUG. .	15 14 23	15 6 39
	AUG. .	18 23 13	18 14 6		SEPT. .	14 8 7	13 15 40
	SEPT. .	17 11 57	17 7 3		OCT. .	13 15 51	13 2 57
	OCT. .	{ 17 0 41	17 1 13		NOV. .	12 4 35	11 16 58
	○	{ 31 19 3	31 11 12		DEC. .	11 17 19	11 9 30
	NOV. .	15 13 25	15 19 22				
	DEC. .	15 2 9	15 12 13	639.	JAN. .	10 6 4	10 8 50
636.	JAN. .	13 14 54	14 2 56	C.	FEB. .	{ 8 18 48	8 22 34
G.F.	FEB. .	12 3 38	12 15 7		○	{ 23 13 10	23 15 12
17 23 14	MAR. .	12 16 22	13 1 0	18 16 40	MAR. .	10 7 32	10 16 21
	APRIL	{ 11 5 6	11 9 7		APRIL	8 20 16	9 7 59
	○	{ 25 23 23	26 4 3		MAY .	8 9 0	8 20 54
	MAY .	10 17 50	10 16 18		JUNE .	6 21 44	7 7 16
	JUNE .	9 6 34	8 23 34		JULY .	6 10 28	6 15 49
	JULY .	8 19 18	8 8 0		AUG. .	{ 4 23 12	4 23 36
	AUG. .	7 8 2	6 18 41		○	{ 19 17 34	19 11 28
	SEPT. .	5 20 46	5 8 14		SEPT. .	3 11 56	3 7 36
	OCT. .	{ 5 9 30	5 0 44		OCT. .	3 0 40	2 16 41
	○	{ 20 8 52	20 3 7		NOV. .	1 13 24	{ 1 3 24
	NOV. .	3 22 14	3 19 22		DEC. .	{ 1 2 8	{ 30 16 5
	DEC. .	3 10 58	3 14 46			{ 30 14 52	30 6 44
637.	JAN. .	{ 1 23 42	2 9 16	640.	JAN. .	29 3 36	28 23 0
E.	FEB. .	{ 31 12 26	...	B.A.	○	{ 12 21 58	13 7 21
18 5 8	MAR. .	{ 2 1 10	2 14 51		FEB. .	{ 27 16 20	27 16 11
	○	{ 31 13 54	1 1 17	17 22 29	MAR. .	28 5 4	28 9 20
	APRIL	{ 15 8 16	{ 15 4 50		APRIL	26 17 48	27 1 26
	MAY .	{ 30 2 38	{ 30 9 29		MAY .	26 6 32	26 15 42
	JUNE .	29 15 22	29 16 23		JUNE .	24 19 16	25 3 55
	JULY .	28 4 6	27 23 3		JULY .	24 8 0	24 14 22
	AUG. .	27 16 50	27 6 38		○	{ 8 2 22	7 13 47
	SEPT. .	26 5 34	25 16 11		AUG. .	{ 22 20 44	22 23 46
	○	{ 9 12 40	9 17 40		SEPT. .	21 9 28	21 8 59
	OCT. .	{ 24 7 2	23 19 51		OCT. .	20 22 12	20 18 40
	NOV. .	22 19 46	22 13 51		NOV. .	19 10 56	19 5 15
	DEC. .	22 8 30	22 9 18		DEC. .	18 23 40	18 16 53

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 641. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 644. D.C. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 18 4 18	JAN. .	17 12 25	17 5 37	17 21 44	JAN. .	15 3 35	15 12 41
	○	{ 1 6 47	1 20 0		FEB. .	13 16 19	13 23 9
	FEB. .	{ 16 1 9	15 19 27		MAR. .	14 5 3	14 8 10
	MAR. .	17 13 53	17 10 18		APRIL	12 17 47	12 16 17
	APRIL	16 2 37	16 1 51		MAY .	{ 12 6 31	12 0 23
	MAY .	15 15 21	15 17 35		○	{ 27 0 53	27 11 14
	JUNE .	14 4 5	14 8 47		JUNE .	10 19 15	10 9 25
	JULY .	{ 13 16 49	13 22 53		JULY .	10 7 59	9 20 23
	○	{ 28 11 11	27 23 15		AUG. .	8 20 43	8 9 53
	AUG. .	12 5 33	12 11 39		SEPT. .	7 9 27	7 1 55
	SEPT. .	10 18 17	10 23 17		OCT. .	6 22 11	6 19 48
	OCT. .	10 7 1	10 10 17		NOV. .	{ 5 10 55	5 14 22
	NOV. .	8 19 45	8 21 4		○	{ 20 5 17	19 21 17
	DEC. .	8 8 29	8 7 53		DEC. .	4 23 39	5 8 10
642. F.	JAN. .	6 21 14	6 18 47	645. B.	JAN. .	3 12 23	4 0 7
18 10 7	FEB. .	5 9 58	5 5 51	18 3 33	FEB. .	2 1 7	2 13 32
	MAR. .	6 22 42	6 17 19		MAR. .	3 13 51	4 0 24
	APRIL	5 11 26	5 5 33		APRIL	2 2 35	2 9 10
	MAY .	5 0 10	4 18 56		MAY .	{ 1 15 19	1 16 33
	JUNE .	3 12 54	3 9 29		{ 31 4 3	30 23 33	
	JULY .	3 1 38	3 0 50		JUNE .	29 16 47	29 7 12
	AUG. .	{ 1 14 22	1 16 23		JULY .	29 5 31	28 16 38
	{ 31 3 6	31 7 29			AUG. .	27 18 15	27 4 45
	SEPT. .	29 15 50	29 21 43		SEPT. .	26 6 59	25 19 54
	OCT. .	29 4 34	29 10 56		OCT. .	25 19 43	25 13 48
	NOV. .	27 17 18	27 23 13		NOV. .	24 8 27	24 9 2
	○	{ 12 11 40	12 6 12		DEC. .	23 21 11	24 4 15
	DEC. .	{ 27 6 2	27 10 34				
643. E.	JAN. .	25 18 46	25 21 4	646. A.	JAN. .	22 9 55	22 21 46
18 15 56	FEB. .	24 7 30	24 6 52	18 9 22	FEB. .	20 22 40	21 12 34
	MAR. .	25 20 14	25 16 23		MAR. .	22 11 24	23 0 18
	APRIL	24 8 58	24 2 16		○	{ 6 5 46	6 1 4
	MAY .	23 21 42	23 13 19		APRIL	{ 21 0 8	21 9 26
	○	{ 7 16 4	8 0 13		MAY .	20 12 52	20 16 46
	JUNE .	{ 22 10 26	22 2 7		JUNE .	19 1 36	18 23 23
	JULY .	21 23 10	21 16 50		JULY .	18 14 20	18 6 26
	AUG. .	20 11 54	20 9 4		AUG. .	17 3 4	16 14 56
	SEPT. .	19 0 38	19 2 0		SEPT. .	{ 15 15 48	15 1 51
	OCT. .	18 13 22	18 13 42		○	{ 30 10 10	30 15 46
	NOV. .	17 2 6	17 10 21		OCT. .	15 4 32	14 15 47
	○	{ 1 20 28	1 10 6		NOV. .	13 17 16	13 8 36
	DEC. .	{ 16 14 50	17 0 26		DEC. .	13 6 0	13 3 31

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 647. G. March. d. h. m. 18 15 11		d. h. m.	d. h. m.	A.D. 650. C. March. d. h. m. 18 8 37		d. h. m.	d. h. m.
	JAN. .	11 18 45	11 23 0		JAN. .	{ 8 9 55	8 3 26
	FEB. .	10 7 29	10 17 24		○	{ 23 4 17	23 17 4
	MAR. .	{ 11 20 13	12 9 24		FEB. .	6 22 39	6 16 29
	○	{ 26 14 35	26 9 18		MAR. .	8 11 23	8 6 32
	APRIL	10 8 57	10 22 21		APRIL	7 0 7	6 21 31
	MAY .	9 21 41	10 8 28		MAY .	6 12 51	6 13 2
	JUNE .	8 10 25	8 16 29		JUNE .	5 1 35	5 4 33
	JULY .	7 23 9	7 23 31		JULY .	{ 4 14 19	4 19 19
	AUG. .	6 11 53	6 6 40		○	{ 19 8 41	18 22 34
	SEPT. .	{ 5 0 37	4 14 55		AUG. .	3 3 3	3 8 58
	○	{ 19 18 59	19 22 43		SEPT. .	1 15 47	1 21 25
	OCT. .	4 13 21	4 1 7		OCT. .	{ 1 4 31	1 8 58
	NOV. .	3 2 5	2 13 49		NOV. .	{ 30 17 15	30 20 2
	DEC. .	{ 2 14 49	2 5 6		DEC. .	29 5 59	29 6 56
		{ ...	31 22 33			28 18 43	28 17 46
648. F.E.	JAN. .	{ 1 3 33	...	651. B.	○	{ 12 13 5	12 20 23
	FEB. .	{ 30 16 17	30 17 4		JAN. .	{ 27 7 27	27 4 36
	○	{ 14 23 23	14 23 45		FEB. .	25 20 11	25 15 34
17 21 0	MAR. .	{ 29 17 45	30 4 1	18 14 26	MAR. .	27 8 55	27 3 4
	APRIL	28 6 29	28 18 15		APRIL	25 21 39	25 15 34
	MAY .	27 19 18	28 5 53		MAY .	25 10 23	25 5 21
	JUNE .	26 7 57	26 15 19		JUNE .	23 23 7	23 20 18
	JULY .	25 20 41	25 23 31		○	{ 8 17 29	8 15 1
	AUG. .	24 9 25	24 7 29		JULY .	{ 23 11 51	23 11 56
	○	{ 8 8 47	7 23 29		AUG. .	22 0 35	22 3 32
	SEPT. .	{ 22 22 9	22 16 7		SEPT. .	20 13 19	20 18 32
	OCT. .	22 10 53	22 2 6		OCT. .	20 2 3	20 8 34
	NOV. .	20 23 37	20 13 50		NOV. .	18 14 47	18 21 32
	DEC. .	20 12 21	20 3 26		DEC. .	18 3 31	18 9 26
649. D.	JAN. .	19 1 6	18 18 46	652. A.G.	○	{ 1 21 54	1 19 39
	FEB. .	17 13 50	17 11 20		JAN. .	{ 16 16 16	16 20 20
18 2 49	MAR. .	19 2 34	19 4 22	17 20 15	FEB. .	15 5 0	15 6 17
	APRIL	17 15 18	17 20 56		MAR. .	15 17 44	15 15 39
	MAY .	17 4 2	17 12 8		APRIL	14 6 28	14 1 0
	JUNE .	15 16 46	16 1 23		MAY .	13 19 12	13 11 7
	JULY .	15 5 30	15 12 53		JUNE .	{ 12 7 56	11 22 50
	AUG. .	13 18 14	13 22 57		○	{ 27 2 18	27 7 49
	SEPT. .	12 6 53	12 8 25		JULY .	11 20 40	11 12 35
	OCT. .	11 19 42	11 18 1		AUG. .	10 9 24	10 4 12
	NOV. .	10 8 26	10 4 16		SEPT. .	8 22 8	8 21 5
	DEC. .	9 21 10	9 15 23		OCT. .	8 10 52	8 14 17
					NOV. .	6 23 36	7 6 49
					DEC. .	6 12 20	6 21 55

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 653. F. March. <i>d. h. m.</i> 18 2 4		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 656. C.B. March. <i>d. h. m.</i> 17 19 30		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	5 1 4	5 11 8		JAN. .	2 16 14	2 17 15
	FEB. .	3 13 48	3 22 25		FEB. .	1 4 58	1 12 16
	MAR. .	5 2 33	5 7 58		MAR. .	{ 1 17 43	2 5 30
	APRIL	3 15 17	3 16 15			{ 31 6 27	31 19 56
	MAY .	3 4 1	3 0 2		APRIL	29 19 11	30 7 22
	JUNE .	1 16 45	{ 1 8 18		MAY .	29 7 55	29 16 20
		{ 1 5 29	{ 30 18 6		JUNE .	27 20 39	27 23 43
	JULY .	{ 30 18 13	30 6 17		JULY .	27 9 23	27 6 51
	AUG. .	29 6 57	28 21 10		AUG. .	25 22 7	25 14 35
	SEPT. .	27 19 41	27 14 24		SEPT. .	24 10 51	23 23 51
	OCT. .	27 8 25	27 8 59		OCT. .	23 23 35	23 11 20
	○	{ 11 2 47	10 20 0		NOV. .	22 12 19	22 1 22
	NOV. .	{ 23 21 9	26 3 30		DEC. .	22 1 3	21 17 43
	DEC. .	25 9 53	25 20 37				
654. E. 18 7 53	JAN. .	23 22 37	24 11 20	657. A. 18 1 19	JAN. .	20 13 47	20 11 41
	FEB. .	22 11 21	22 23 24		FEB. .	19 2 31	19 6 2
	MAR. .	24 0 5	24 9 0		○	{ 5 20 53	5 23 29
	APRIL	22 12 49	22 16 50		MAR. .	{ 20 15 15	20 23 29
	○	{ 7 7 11	7 10 38		APRIL	19 3 59	19 14 56
	MAY .	{ 22 1 33	21 23 46		MAY .	18 16 43	19 3 51
	JUNE .	20 14 17	20 6 53		JUNE .	17 5 27	17 14 23
	JULY .	20 3 1	19 15 18		JULY .	16 18 11	16 23 14
	AUG. .	18 15 45	18 2 1		AUG. .	{ 15 6 55	15 7 23
	SEPT. .	17 4 29	16 15 43		○	{ 30 1 17	29 13 26
	OCT. .	{ 16 17 13	16 8 23		SEPT. .	13 19 39	13 15 47
	○	{ 31 11 35	31 11 49		OCT. .	13 8 23	13 1 11
	NOV. .	15 5 57	15 3 14		NOV. .	11 21 7	11 12 6
	DEC. .	14 18 41	14 22 46		DEC. .	11 9 51	11 0 44
655. D. 18 13 42	JAN. .	13 7 25	13 17 19	658. G. 18 7 8	JAN. .	9 22 36	9 15 6
	FEB. .	11 20 9	12 9 31		FEB. .	{ 8 11 20	8 6 51
	MAR. .	13 8 53	13 22 42		○	{ 23 5 42	23 15 43
	APRIL	{ 11 21 37	12 8 57		MAR. .	10 0 4	9 23 29
	○	{ 26 15 59	26 11 40		APRIL	8 12 48	8 16 11
	MAY .	11 10 21	11 16 59		MAY .	8 1 32	8 8 5
	JUNE .	9 23 5	9 23 48		JUNE .	6 14 16	6 22 23
	JULY .	9 11 49	9 6 31		JULY .	6 3 0	6 10 53
	AUG. .	8 0 33	7 14 14		AUG. .	{ 4 15 44	4 21 46
	SEPT. .	6 13 17	5 23 57		○	{ 19 10 6	18 20 59
	OCT. .	{ 6 2 1	5 12 25		SEPT. .	3 4 28	3 7 41
	○	{ 20 20 23	21 2 4		OCT. .	2 17 12	2 17 22
	NOV. .	4 14 45	4 3 53		NOV. .	{ 1 5 56	1 3 26
	DEC. .	4 3 29	3 21 53			{ 30 18 40	30 14 10
					DEC. .	30 7 24	30 1 41

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 659. F.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 662. B. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 18 12 57	JAN. .	28 20 8	28 14 2	18 6 23	JAN. .	25 11 18	25 21 20
	○	12 14 30	13 4 9		FEB. .	24 0 2	24 7 33
	FEB. .	27 8 52	27 3 16		MAR. .	25 12 46	25 16 12
	MAR. .	28 21 37	28 17 31		APRIL	24 1 30	23 23 56
	APRIL	27 10 21	27 8 36		MAY .	23 14 14	23 7 41
	MAY .	26 23 5	27 0 4		○	7 8 36	7 18 8
	JUNE .	25 11 49	25 15 18		JUNE .	22 2 58	21 16 29
	JULY .	25 0 33	25 5 44		JULY .	21 15 42	21 3 21
	○	8 18 55	8 6 46		AUG. .	20 4 26	19 16 55
	AUG. .	23 13 17	23 19 2		SEPT. .	18 17 10	18 9 11
	SEPT. .	22 2 1	22 7 17		OCT. .	18 5 54	18 3 25
	OCT. .	21 14 45	21 18 48		NOV. .	16 18 38	16 22 19
	NOV. .	20 3 29	20 5 56		○	1 13 0	1 6 7
	DEC. .	19 16 13	19 16 51		DEC. .	16 7 22	16 16 25
660. E.D. 17 18 46	JAN. .	18 4 57	18 3 34	663. A. 18 12 12	JAN. .	14 20 7	15 8 29
	FEB. .	16 17 41	16 14 18		FEB. .	13 8 51	13 21 51
	MAR. .	17 6 25	17 1 6		MAR. .	14 21 35	15 8 30
	APRIL	15 19 9	15 12 46		APRIL	13 10 19	13 16 59
	MAY .	15 7 53	15 1 40		MAY .	12 23 3	13 0 7
	JUNE .	13 20 37	13 15 56		JUNE .	11 11 47	11 6 56
	JULY .	13 9 21	13 7 21		JULY .	11 0 31	10 14 32
	AUG. .	11 22 5	11 23 13		AUG. .	9 13 15	9 0 1
	SEPT. .	10 10 49	10 14 51		SEPT. .	8 1 59	7 12 14
	OCT. .	9 23 33	10 5 42		OCT. .	7 14 43	7 3 34
	NOV. .	8 12 17	8 19 28		NOV. .	6 3 27	5 21 33
	DEC. .	8 1 1	8 8 3		DEC. .	5 16 11	5 17 0
	○	22 19 23	22 14 14				
661. C. 18 0 35	JAN. .	6 13 46	6 19 28	664. G.F. 17 18 1	JAN. .	4 4 56	4 12 17
	FEB. .	5 2 30	5 5 44		FEB. .	2 17 40	3 5 47
	MAR. .	6 15 14	6 15 8		MAR. .	3 6 24	3 20 25
	APRIL	5 3 58	5 0 8		APRIL	1 19 8	2 8 0
	MAY .	4 16 42	4 9 31		○	16 13 30	16 8 7
	JUNE .	3 5 26	2 20 11		○	1 7 52	1 16 57
	○	17 23 48	18 7 23		MAY .	30 20 36	31 0 13
	JULY .	2 18 10	2 8 47		JUNE .	29 9 20	29 6 53
	○	1 6 54	31 23 32		JULY .	28 22 4	28 14 1
	AUG. .	30 19 38	30 16 3		AUG. .	27 10 43	26 22 42
	SEPT. .	29 8 22	29 9 27		SEPT. .	25 23 32	25 9 49
	OCT. .	28 21 6	29 2 42		○	10 17 54	10 23 57
	NOV. .	27 9 50	27 18 48		OCT. .	25 12 16	24 23 51
	○	12 4 12	11 18 36		NOV. .	24 1 0	23 16 43
	DEC. .	26 22 34	27 9 7		DEC. .	23 13 44	23 11 29

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 665.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 668.		<i>d. h. m.</i>	<i>d. h. m.</i>
E.				B.A.			
March.	JAN. .	22 2 28	22 6 46		JAN. .	19 17 38	19 12 2
<i>d. h. m.</i>	FEB. .	20 15 12	21 0 58		○	3 12 0	4 1 11
17 23 50	MAR. .	22 3 56	22 16 46	March.	FEB. .	18 6 22	18 0 34
	○	5 22 18	5 16 55	<i>d. h. m.</i>	MAR. .	18 19 6	18 13 59
	APRIL	20 16 40	21 5 37	17 17 16	APRIL	17 7 50	17 4 24
	MAY .	20 5 24	20 15 43		MAY .	16 20 34	16 19 34
	JUNE .	18 18 8	18 23 50		JUNE .	15 9 18	15 10 59
	JULY .	18 6 52	18 7 5		JULY .	14 22 2	15 1 59
	AUG. .	16 19 36	16 14 29		○	29 16 24	29 6 4
	SEPT. .	15 8 20	14 23 3		AUG. .	13 10 46	13 16 5
	○	30 2 42	30 6 17		SEPT. .	11 23 30	12 5 8
	OCT. .	14 21 4	14 9 29		OCT. .	11 12 14	11 17 16
	NOV. .	13 9 48	12 22 17		NOV. .	10 0 58	10 4 47
	DEC. .	12 22 32	12 13 27		DEC. .	9 13 42	9 15 54
666.	JAN. .	11 11 17	11 6 34	669.	JAN. .	8 2 27	8 2 40
D.	FEB. .	10 0 1	10 0 41	G.	○	22 20 49	23 4 17
18 5 39	MAR. .	11 12 45	11 18 33		FEB. .	6 15 11	6 13 9
	○	26 7 7	26 7 46	17 23 5	MAR. .	8 3 55	7 23 36
	APRIL	10 1 29	10 10 59		APRIL	6 16 39	6 10 31
	MAY .	9 14 13	10 1 10		MAY .	6 5 23	5 22 30
	JUNE .	8 2 57	8 12 53		JUNE .	4 18 7	4 11 55
	JULY .	7 15 41	7 22 36		JULY .	4 6 51	4 2 47
	AUG. .	6 4 25	6 7 9		○	19 1 13	18 22 35
	SEPT. .	4 17 9	4 15 32		AUG. .	2 19 35	2 18 37
	○	19 11 31	19 6 44		SEPT. .	1 8 19	1 10 42
	OCT. .	4 5 53	4 0 33		○	30 21 3	1 2 17
	NOV. .	2 18 37	2 10 48		OCT. .	30 9 47	30 16 54
	DEC. .	2 7 21	1 22 35		NOV. .	28 22 31	29 6 17
		31 20 5	31 11 58		DEC. .	28 11 15	28 18 20
667.	JAN. .	30 8 49	30 2 49	670.	○	12 5 38	12 3 35
C.	FEB. .	28 21 34	28 18 51	F.	JAN. .	27 0 0	27 5 6
18 11 28	MAR. .	30 10 18	30 11 22		FEB. .	25 12 44	25 14 42
	APRIL	28 23 2	29 3 37	18 4 54	MAR. .	27 1 23	26 23 35
	MAY .	28 11 46	28 18 45		APRIL	25 14 12	25 8 27
	JUNE .	27 0 30	27 8 15		MAY .	25 2 56	24 18 10
	JULY .	26 13 14	26 20 5		JUNE .	23 15 40	23 5 37
	AUG. .	25 1 58	25 6 40		○	8 10 2	8 15 13
	SEPT. .	23 14 42	23 16 39		JULY .	23 4 24	22 19 17
	OCT. .	23 3 26	23 2 41		AUG. .	21 17 8	21 11 5
	NOV. .	21 16 10	21 13 10		SEPT. .	20 5 52	20 4 23
	DEC. .	21 4 54	21 0 17		OCT. .	19 18 36	19 22 4
					NOV. .	18 7 20	18 15 6
					DEC. .	17 20 4	18 6 30

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 671. E. March. <i>d. h. m.</i> 18 10 48		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 674. A. March. <i>d. h. m.</i> 18 4 9		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	16 8 48	16 19 47		JAN. .	12 23 58	13 1 6
	FEB. .	14 21 32	15 6 54		FEB. .	11 12 42	11 19 53
	MAR. .	16 10 16	16 16 7		MAR. .	13 1 26	13 12 54
	APRIL	14 23 0	15 0 0		APRIL	11 14 10	12 3 10
	MAY .	14 11 44	14 7 27		MAY .	11 2 54	11 14 34
	JUNE .	13 0 28	12 15 29		JUNE .	9 15 38	9 23 36
	JULY .	12 13 12	12 1 10		JULY .	9 4 22	9 7 14
	AUG. .	11 1 56	10 13 19		AUG. .	7 17 6	7 14 35
	SEPT. .	9 14 40	9 4 22		SEPT. .	6 5 50	5 22 37
	OCT. .	9 3 24	8 21 54		OCT. .	5 18 34	5 8 11
	NOV. .	7 16 8	7 16 48		NOV. .	4 7 18	3 19 50
	○	22 10 30	22 4 52		DEC. .	3 20 2	3 9 49
	DEC. .	7 4 52	7 11 38				
672. D.C. 17 16 32	JAN. .	5 17 37	6 4 54	675. G. 18 9 58	JAN. .	{ 2 8 47 31 21 31	2 1 55 31 19 27
	FEB. .	4 6 21	4 19 38		FEB. .	...	...
	MAR. .	4 19 5	5 7 31		MAR. ○	{ 2 10 15 17 4 37	2 13 22 17 7 37
	APRIL	3 7 49	3 16 52			{ 31 22 59 30 11 43	{ 1 6 30 30 21 48
	MAY .	{ 2 20 33 17 14 55	3 0 27 17 17 8		APRIL	30 11 43	30 21 48
	○	1 9 17	1 7 13		MAY .	30 0 27	30 10 45
	JUNE .	{ 30 22 1 80 10 45	30 14 16 29 22 42		JUNE .	28 13 11	28 21 30
	JULY .	80 10 45	29 22 42		JULY .	28 1 55	28 6 42
	AUG. .	28 23 29	28 9 31		AUG. .	26 14 39	26 15 16
	SEPT. .	27 12 13	26 23 23		○	{ 10 9 1 25 3 23	10 1 36 25 0 5
	OCT. .	27 0 57	26 16 12		SEPT. .	25 3 23	25 0 5
	○	{ 10 19 19 25 13 41	10 20 39 25 11 10		OCT. .	24 16 7	24 9 51
	NOV. .	25 13 41	25 11 10		NOV. .	23 4 51	22 20 54
	DEC. .	25 2 25	25 6 45		DEC. .	22 17 35	22 9 25
673. H. 17 22 21	JAN. .	28 15 10	24 1 17	676. F.E. 17 15 47	JAN. .	21 6 19	20 23 23
	FEB. .	22 3 54	22 17 23		FEB. .	19 19 3	19 14 35
	MAR. .	23 16 38	24 6 24		○	{ 5 13 25 20 7 47	5 23 55 20 6 40
	APRIL	22 5 22	22 16 31		MAR. .	18 20 31	18 22 55
	○	{ 6 23 44 21 18 6	6 18 27 22 0 23		APRIL	18 9 15	18 14 36
	MAY .	21 18 6	22 0 23		MAY .	18 9 15	18 14 36
	JUNE .	20 6 50	20 7 17		JUNE .	16 21 59	17 5 2
	JULY .	19 19 34	19 14 7		JULY .	16 10 43	16 17 51
	AUG. .	18 8 18	17 22 0		AUG. .	{ 14 23 27 29 17 49	15 5 14 29 4 20
	SEPT. .	16 21 2	16 7 55		○	29 17 49	29 4 20
	OCT. .	{ 16 9 46 31 4 8	15 20 32 31 10 35		SEPT. .	13 12 11	13 15 41
	○	31 4 8	31 10 35		OCT. .	13 0 55	13 1 53
	NOV. .	14 22 30	14 12 3		NOV. .	11 13 39	11 12 17
	DEC. .	14 11 14	14 5 58		DEC. .	11 2 23	10 23 7

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month	Mean New Moon. (+ Full Rel.)	True New Moon. (+ Full Rel.)	Mean Vernal Equinox.	Month	Mean New Moon. (+ Full Rel.)	True New Moon. (+ Full Rel.)
A.D. 677.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 680.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	9 15 7	9 10 27	A.D. 680.	JAN. .	7 6 17	7 17 11
March.	FEB. .	8 8 51	7 22 19	March.	FEB. .	5 19 1	6 5 51
<i>d. h. m.</i>	O.	(22 22 13	23 12 0	<i>d. h. m.</i>	MAR. .	6 7 46	6 15 49
17 21 191	MAR. .	9 16 191	9 11 0		APRIL .	4 20 190	5 0 6
	APRIL .	8 5 20	8 0 37		MAY .	4 9 11	4 7 31
	MAY .	7 18 4	7 15 14		JUNE .	(2 21 59	2 15 0
	JUNE .	6 0 48	6 0 20		O.	(17 16 29	18 0 57
	JULY .	5 19 32	5 21 50		JULY .	(2 10 42	1 23 39
	AUG. .	4 8 16	4 12 38		AUG. .	(31 28 26	31 10 28
	O.	(19 2 39	18 14 23		SEPT. .	30 12 10	30 0 8
	SEPT. .	2 21 0	2 2 30		OCT. .	29 0 54	28 16 36
	OCT. .	(2 9 44	2 15 22		NOV. .	28 13 39	28 11 9
	NOV. .	(31 22 29	1 3 25		O.	(11 20 44	11 15 1
	DEC. .	30 11 12	30 14 51		DEC. .	(26 15 6	27 0 38
		29 23 56	30 1 48				
678.	JAN. .	28 12 41	28 12 17	681.	JAN. .	25 8 51	25 16 45
C.	FEB. .	27 1 25	26 22 27	P.	FEB. .	23 16 35	24 5 59
18 8 25	MAR. .	26 14 9	26 8 47		MAR. .	25 5 19	25 16 25
	APRIL .	27 2 53	26 19 54	17 20 51	APRIL .	23 18 8	24 0 40
	MAY .	26 15 37	26 8 22		MAY .	23 6 47	23 7 37
	JUNE .	25 4 21	24 22 27		JUNE .	21 19 31	21 14 22
	JULY .	24 17 5	24 18 55		JULY .	21 8 15	20 21 58
	AUG. .	23 5 40	23 6 10		AUG. .	19 20 59	19 7 32
	SEPT. .	21 18 33	21 22 22		SEPT. .	18 9 43	17 19 55
	OCT. .	21 7 17	21 13 49		OCT. .	17 22 27	17 11 23
	NOV. .	19 20 1	20 4 4		NOV. .	16 11 11	16 5 28
	DEC. .	19 8 45	19 16 54		DEC. .	15 23 55	16 0 59
	O.	(8 8 7	2 22 18				
679.	JAN. .	(17 21 20	18 4 15	682.	JAN. .	14 12 130	14 20 12
E.	FEB. .	16 10 18	16 14 10	E.	FEB. .	13 1 23	13 13 36
18 9 14	MAR. .	17 22 57	17 23 13		MAR. .	14 14 7	15 4 6
	APRIL .	16 11 41	16 7 43	18 2 40	APRIL .	13 2 51	13 15 31
	MAY .	16 0 25	15 16 43		MAY .	12 15 35	13 0 21
	JUNE .	(14 18 0	14 8 8		JUNE .	11 4 19	11 7 39
	O.	(20 7 31	20 14 45		JULY .	10 17 8	10 14 23
	JULY .	14 1 53	13 15 31		AUG. .	9 5 47	9 21 43
	AUG. .	12 14 37	12 6 21		SEPT. .	7 18 31	7 6 36
	SEPT. .	11 3 21	10 23 10		OCT. .	(7 7 15	6 17 55
	OCT. .	10 16 5	10 17 8		O.	(22 1 37	22 8 12
	NOV. .	9 4 49	9 10 40		NOV. .	5 19 59	5 8 4
	DEC. .	(8 17 33	9 3 15		DEC. .	5 8 43	5 0 50
	O.	(23 11 55	23 8 8				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 683. D. March. d. h. m. 18 8 29		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 686. G.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	3 21 28	3 19 28		JAN. .	30 1 22	29 20 34
	FEB. .	2 10 12	2 14 28		○	{ 13 19 44	14 9 11
	MAR. .	3 22 56	4 8 23	March. d. h. m. 18 1 55	FEB. .	{ 28 14 6	28 8 32
	APRIL	{ 2 11 40	3 0 0		MAR. .	30 2 50	29 21 20
	○	{ 17 6 2	17 0 26		APRIL	28 15 34	28 11 12
	MAY .	{ 2 0 24	2 12 46		MAY .	28 4 18	28 2 4
		{ 31 13 8	31 22 55		JUNE .	26 17 2	26 17 25
	JUNE .	30 1 52	30 7 13		JULY .	26 5 46	26 8 42
	JULY .	29 14 36	29 14 43		○	{ 10 0 8	9 13 40
	AUG. .	28 3 20	27 22 27		AUG. .	{ 24 18 30	24 23 20
	SEPT. .	26 16 4	26 7 20		SEPT. .	23 7 14	23 12 59
	○	{ 11 10 26	11 14 0		OCT. .	22 19 58	23 1 42
	OCT. .	{ 26 4 48	25 18 0		NOV. .	21 8 42	21 13 37
	NOV. .	24 17 32	24 6 49		DEC. .	20 21 26	21 0 53
	DEC. .	24 6 16	23 21 48	687. F.	JAN. .	19 10 11	19 11 30
684. C.B.	JAN. .	22 19 1	22 14 32		○	{ 3 4 33	3 12 2
17 14 18	FEB. .	21 7 45	21 8 11	18 7 44	FEB. .	{ 17 22 55	17 21 35
	MAR. .	21 20 29	22 1 38		MAR. .	19 11 39	19 7 31
	○	{ 5 14 51	5 15 39		APRIL	18 0 23	17 17 53
	APRIL	{ 20 9 13	20 17 49		MAY .	17 13 7	17 5 23
	MAY .	19 21 57	20 7 57		JUNE .	16 1 51	15 18 30
	JUNE .	18 10 41	18 19 51		JULY .	{ 15 14 35	15 9 20
	JULY .	17 23 25	18 5 54		○	{ 30 8 57	30 6 15
	AUG. .	16 12 9	16 14 52		AUG. .	14 3 19	14 1 25
	SEPT. .	{ 15 0 53	14 23 42		SEPT. .	12 16 3	12 17 58
	○	{ 29 19 15	29 14 11		OCT. .	12 4 47	12 10 10
	OCT. .	14 18 37	14 9 8		NOV. .	10 17 31	11 1 19
	NOV. .	13 2 21	12 19 87		DEC. .	10 6 15	10 15 3
	DEC. .	12 15 5	12 7 24	688. E.D.	JAN. .	{ 8 18 59	9 3 10
685. A.	JAN. .	11 3 49	10 20 28		○	{ 23 13 21	23 11 25
17 20 7	FEB. .	9 16 33	9 10 49	17 13 33	FEB. .	7 7 43	7 13 43
	MAR. .	11 5 17	11 2 14		MAR. .	7 20 27	7 22 57
	APRIL	9 18 1	9 18 14		APRIL	6 9 11	6 7 24
	MAY .	9 6 45	9 10 10		MAY .	5 21 55	5 15 49
	JUNE .	7 19 29	8 1 17		JUNE .	4 10 39	4 1 12
	JULY .	7 8 13	7 15 3		JULY .	{ 3 23 23	3 12 26
	AUG. .	5 20 57	6 3 20		○	{ 13 17 45	13 22 37
	SEPT. .	4 9 41	4 14 27		AUG. .	2 12 7	{ 2 2 5
	OCT. .	3 22 25	4 0 53		SEPT. .	{ 1 0 51	{ 31 18 5
	NOV. .	2 11 9	2 11 25			{ 30 13 35	30 11 45
	DEC. .	{ 1 23 53	1 22 7		OCT. .	30 2 19	30 5 56
		{ 31 12 37	31 9 10		NOV. .	28 15 3	28 23 22
					DEC. .	28 3 47	28 15 1

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 689. C. March. d. h. m. 17 19 21		d. h. m.	d. h. m.	A.D. 692. D.F. March. d. h. m. 17 12 46		d. h. m.	d. h. m.
	JAN. .	26 16 32	27 4 20		JAN. .	24 7 42	24 8 54
	FEB. .	25 5 16	25 15 14		FEB. .	22 20 26	23 3 22
	MAR. .	26 18 0	27 0 8		MAR. .	23 9 10	23 20 8
	APRIL .	25 6 44	25 7 42		APRIL .	21 21 54	22 10 17
	MAY .	24 19 28	24 14 53		MAY .	21 10 36	21 21 42
	JUNE .	23 8 12	22 22 13		JUNE .	19 23 22	20 6 57
	JULY .	22 20 56	22 8 19		JULY .	19 12 6	19 14 45
	AUG. .	21 9 40	20 20 31		AUG. .	18 0 50	17 22 25
	SEPT. .	19 22 24	19 11 45		SEPT. .	16 13 34	16 6 49
	OCT. .	19 11 8	19 5 31		OCT. .	16 2 16	15 16 41
	NOV. .	17 23 52	18 0 42		NOV. .	14 15 2	14 4 26
	O	2 18 14	2 18 40		DEC. .	14 8 46	13 18 19
	DEC. .	17 12 36	17 19 45				
690. B. 18 1 10	JAN. .	16 1 20	16 18 6	693. B. 17 18 37	JAN. .	12 18 30	12 10 4
	FEB. .	14 14 4	15 8 48		FEB. .	11 5 14	11 3 8
	MAR. .	16 2 48	16 15 28		MAR. .	12 17 58	12 30 34
	APRIL .	14 15 32	15 0 36		O	27 12 20	27 15 34
	MAY .	14 4 16	14 7 50		APRIL .	11 6 42	11 13 21
	O	28 23 38	28 23 35		MAY .	10 19 26	11 4 31
	JUNE .	12 17 0	12 14 39		JUNE .	9 8 10	9 17 35
	JULY .	12 5 44	11 31 42		JULY .	8 30 54	9 4 37
	AUG. .	10 18 28	10 6 12		AUG. .	7 9 38	7 14 14
	SEPT. .	9 7 12	8 17 10		SEPT. .	5 23 22	5 23 16
	OCT. .	8 19 56	8 7 10		O	20 16 44	20 8 52
	NOV. .	7 8 40	7 0 7		OCT. .	5 11 6	5 8 33
	O	22 8 2	22 5 58		NOV. .	3 23 50	3 18 37
	DEC. .	6 21 24	6 19 8		DEC. .	3 12 34	3 5 46
691. A. 18 6 59	JAN. .	5 10 9	5 14 42	694. B. 18 0 23	JAN. .	2 1 19	1 18 6
	FEB. .	3 22 53	4 9 7		O	31 14 8	31 7 36
	MAR. .	5 11 37	6 1 3		FEB. .	...	...
	APRIL .	4 0 21	4 13 56		MAR. O	2 2 47	1 22 13
	MAY .	3 13 5	3 23 53		O	16 21 9	17 7 59
	O	18 7 27	18 1 9		O	31 15 31	31 13 42
	JUNE .	2 1 40	2 7 51		APRIL .	30 4 15	30 5 35
	JULY .	1 14 33	1 14 45		MAY .	29 16 59	29 21 7
	O	31 3 17	30 21 44		JUNE .	28 5 43	28 11 41
	AUG. .	20 16 1	20 5 51		JULY .	27 18 27	28 0 54
	SEPT. .	28 4 45	27 16 1		AUG. .	26 7 11	26 12 48
	OCT. .	27 17 29	27 4 47		O	10 1 33	9 11 50
	O	11 11 51	11 19 8		SEPT. .	24 19 55	24 23 50
	NOV. .	26 6 13	25 20 17		OCT. .	24 8 39	24 10 31
	DEC. .	25 18 57	25 14 2		NOV. .	23 21 23	23 21 13
					DEC. .	22 10 7	22 8 5

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 695. C.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 698. F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 18 6 14	JAN. .	20 22 52	20 19 9	March. <i>d. h. m.</i> 17 23 41	JAN. .	{ 2 19 40 17 14 2	2 11 40 18 2 14
	FEB. .	19 11 36	19 6 33		FEB. .	16 2 46	16 14 15
	○	{ 6 5 58	6 20 1		MAR. .	17 15 30	17 23 56
	MAR. .	{ 21 0 20	20 18 37		APRIL	16 4 14	16 7 55
	APRIL	19 13 4	19 7 39		MAY .	15 16 58	15 15 2
	MAY .	19 1 48	18 21 49		JUNE .	{ 14 5 42 29 0 4	13 22 19 29 7 45
	JUNE .	17 14 32	17 12 55		○	{ 29 0 4	29 7 45
	JULY .	17 3 16	17 4 25		JULY .	13 18 26	13 6 51
	AUG. .	{ 15 16 0	15 19 39		AUG. .	12 7 10	11 17 42
	○	{ 30 10 22	29 22 12		SEPT. .	10 19 54	10 7 29
	SEPT. .	14 4 44	14 10 6		OCT. .	10 8 38	10 0 10
	OCT. .	13 17 28	13 23 34		NOV. .	8 21 22	8 18 57
	NOV. .	12 6 12	12 12 6		DEC. .	{ 8 10 6 23 4 28	8 14 22 22 23 54
	DEC. .	11 18 56	11 23 48		○	{ 23 4 28	22 23 54
696. B.A. 17 12 8	JAN. .	10 7 40	10 10 41	699. E. 18 5 30	JAN. .	6 22 50	7 8 47
	FEB. .	8 20 24	8 20 52		FEB. .	5 11 34	6 0 51
	MAR. .	9 9 8	9 6 35		MAR. .	7 0 18	7 13 57
	APRIL	7 21 52	7 16 23		APRIL	5 13 2	6 0 11
	MAY .	7 10 36	7 2 59		MAY .	5 1 46	5 8 14
	JUNE .	5 23 20	5 15 4		JUNE .	{ 3 14 30 18 8 52	3 15 5 18 10 31
	JULY .	5 12 4	5 5 1		○	{ 18 8 52	18 10 31
	AUG. .	4 0 48	3 20 36		JULY .	3 3 14	2 21 46
	SEPT. .	2 13 32	2 13 13		AUG. .	{ 1 15 58 31 4 42	1 5 27 30 15 11
	○	{ 2 2 16	2 5 58		SEPT. .	29 17 26	29 3 43
	SEPT. .	{ 31 15 0	31 21 59		OCT. .	29 6 10	28 19 18
	OCT. .	{ 81 15 0	81 21 59		NOV. .	27 18 54	27 13 26
	NOV. .	80 8 44	80 12 41		DEC. .	27 7 38	27 8 56
	DEC. .	29 16 28	30 1 41				
697. G. 17 17 52	○	{ 18 10 51	18 6 20	700. D.C. 17 11 19	JAN. .	25 20 23	26 4 3
	JAN. .	{ 28 5 13	28 12 57		FEB. .	24 9 7	24 21 17
	FEB. .	26 17 57	26 22 39		MAR. .	24 21 51	25 11 38
	MAR. .	28 6 41	28 7 13		APRIL	23 10 35	23 22 57
	APRIL	26 19 25	26 15 19		MAY .	22 23 19	23 7 46
	MAY .	26 8 9	25 23 55		JUNE .	21 12 3	21 15 4
	JUNE .	24 20 53	24 10 0		JULY .	21 0 47	20 21 57
	○	{ 9 15 15	9 21 59		AUG. .	19 13 31	19 5 32
	JULY .	{ 24 9 37	23 22 23		SEPT. .	18 2 15	17 14 42
	AUG. .	22 22 21	22 13 19		OCT. .	17 14 59	17 2 12
	SEPT. .	21 11 5	21 6 26		○	{ 1 9 21	1 16 35
	OCT. .	20 23 49	21 0 44		NOV. .	{ 16 3 43	15 16 22
	NOV. .	19 12 33	19 18 53		DEC. .	15 16 27	15 9 2
	DEC. .	19 1 17	19 11 40				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 701. B. March. <i>d. h. m.</i> 17 17 7	JAN. .	<i>d. h. m.</i> 14 5 12	<i>d. h. m.</i> 14 3 22	A.D. 704. F.E. March. <i>d. h. m.</i> 17 10 34	JAN. .	<i>d. h. m.</i> 11 20 21	<i>d. h. m.</i> 11 17 59
	FEB. .	12 17 56	12 22 3		FEB. .	{ 10 9 5	10 5 0
	MAR. .	14 6 40	14 15 39		○	{ 25 3 27	25 17 0
	APRIL	{ 12 19 24	13 7 5		MAR. .	10 21 49	10 16 23
	○	{ 27 13 46	27 7 53		APRIL	9 10 33	9 4 35
	MAY .	12 8 8	12 19 50		MAY .	8 23 17	8 17 56
	JUNE .	10 20 52	11 6 5		JUNE .	7 12 1	7 8 30
	JULY .	10 9 36	10 14 36		JULY .	7 0 45	6 23 55
	AUG. .	8 22 20	8 22 25		AUG. .	{ 5 13 29	5 15 30
	SEPT. .	7 11 4	7 6 32		○	{ 20 7 51	19 21 26
	OCT. .	{ 6 23 48	6 15 47		SEPT. .	4 2 13	4 6 39
	○	{ 21 18 10	21 21 49		OCT. .	3 14 57	3 20 56
	NOV. .	5 12 32	5 2 39		NOV. .	2 3 41	2 10 12
	DEC. .	5 1 16	4 15 27		DEC. .	{ 1 16 25	1 22 28
						{ 31 5 9	31 9 47
702. A. 17 22 56	JAN. .	3 14 0	3 6 9	705. D. 17 16 23	JAN. .	29 17 53	29 20 11
	FEB. .	2 2 44	1 22 25		○	{ 13 12 15	13 19 36
	MAR. .	3 15 28	3 15 32		FEB. .	{ 23 6 38	23 5 54
	APRIL	{ 2 4 12	2 8 34		MAR. .	29 19 22	29 15 19
	○	{ 16 22 34	16 23 25		APRIL	23 8 6	23 1 9
	MAY .	{ 1 16 56	2 0 31		MAY .	27 20 50	27 12 13
		{ 31 5 40	31 14 41		JUNE .	26 9 34	26 1 7
	JUNE .	29 18 24	30 2 49		JULY .	25 22 18	25 15 57
	JULY .	29 7 8	29 13 15		○	{ 9 16 40	9 13 59
	AUG. .	27 19 52	27 22 42		AUG. .	{ 24 11 2	24 8 18
	SEPT. .	26 8 36	26 8 1		SEPT. .	22 23 46	23 1 21
	○	{ 11 2 58	10 21 37		OCT. .	22 12 30	22 18 7
	OCT. .	{ 25 21 20	25 17 49		NOV. .	21 1 14	21 9 46
	NOV. .	24 10 4	24 4 29		DEC. .	20 13 53	20 23 46
	DEC. .	23 22 43	23 16 10				
703. G. 18 4 45	JAN. .	22 11 33	22 4 55	706. C. 17 22 12	JAN. .	19 2 43	19 11 54
	FEB. .	21 0 17	20 18 42		○	{ 2 21 5	2 19 11
	MAR. .	22 13 1	22 9 29		FEB. .	{ 17 15 27	17 22 13
	APRIL	21 1 45	21 1 1		MAR. .	19 4 11	19 7 5
	MAY .	20 14 29	20 16 41		APRIL	17 16 55	17 15 6
	JUNE .	19 3 13	19 7 43		MAY .	17 5 39	16 23 9
	JULY .	18 15 57	18 21 53		JUNE .	15 13 23	15 8 15
	AUG. .	17 4 41	17 10 40		JULY .	{ 15 7 7	14 19 20
	SEPT. .	15 17 25	15 22 23		○	{ 30 1 29	30 6 7
	OCT. .	15 6 9	15 9 27		AUG. .	13 19 51	13 9 2
	NOV. .	13 18 53	13 20 17		SEPT. .	12 8 35	12 1 15
	DEC. .	13 7 37	13 7 8		OCT. .	11 21 19	11 19 17
					NOV. .	10 10 3	10 13 54
					DEC. .	9 22 47	10 7 40

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 707.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 710.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				E.			
March.	JAN. .	8 11 31	8 23 29	March.	JAN. .	5 2 41	4 22 4
<i>d. h. m.</i>	FEB. .	7 0 15	7 12 44	<i>d. h. m.</i>	FEB. .	3 15 25	3 16 33
18 4 0	MAR. .	8 12 59	8 23 25	17 21 27	MAR. .	5 4 9	5 10 41
	APRIL .	7 1 43	7 8 11		APRIL .	3 16 53	4 3 11
	MAY .	6 14 27	6 15 18		MAY .	{ 3 5 37	3 17 15
	JUNE .	5 3 11	4 22 16		O	{ 17 23 59	17 16 8
	JULY .	4 15 55	4 5 59		JUNE .	1 18 21	2 4 44
	AUG. .	3 4 39	2 15 35		JULY .	{ 1 7 5	1 14 7
	SEPT. .	1 17 23	{ 1 3 54			{ 30 19 49	30 22 19
	OCT. .	{ 1 6 7	{ 30 19 16		AUG. .	29 8 33	29 6 23
	NOV. .	29 7 35	29 8 38		SEPT. .	27 21 17	27 15 9
	O	{ 14 1 57	13 22 44		OCT. .	27 10 1	27 1 18
	DEC. .	28 20 19	29 3 49		NOV. .	25 22 45	25 13 9
					DEC. .	25 11 29	25 2 49
708.	JAN. .	27 9 4	27 21 12	711.	JAN. .	24 0 14	23 18 11
A.G.	FEB. .	25 21 48	26 11 45	D.	FEB. .	22 12 58	22 10 42
17 9 49	MAR. .	26 10 32	26 23 17	18 3 16	MAR. .	24 1 42	24 3 38
	APRIL .	24 23 16	25 8 14		O	{ 7 20 4	7 23 33
	MAY .	24 12 0	24 15 29		APRIL .	{ 22 14 26	22 20 5
	O	{ 8 6 22	8 6 2		MAY .	22 3 10	22 11 10
	JUNE .	{ 23 0 44	22 22 6		JUNE .	20 15 54	21 0 25
	JULY .	22 13 28	22 5 12		JULY .	20 4 38	20 11 48
	AUG. .	21 2 12	20 13 53		AUG. .	18 17 22	18 21 53
	SEPT. .	19 14 56	19 1 1		SEPT. .	17 6 6	17 7 26
	OCT. .	19 3 40	18 15 8		OCT. .	16 18 50	16 17 9
	NOV. .	17 16 24	17 8 9		NOV. .	15 7 34	15 3 30
	O	{ 2 10 46	2 14 28		DEC. .	14 20 18	14 14 39
	DEC. .	{ 17 5 8	17 3 7				
709.	JAN. .	15 17 52	15 22 33	712.	JAN. .	13 9 2	13 2 43
F.	FEB. .	14 6 37	14 16 48	C.B.	FEB. .	11 21 47	11 15 44
17 15 38	MAR. .	15 19 21	16 8 34	17 9 5	MAR. .	{ 12 10 31	12 5 44
	APRIL .	14 8 5	14 21 20		O	{ 27 4 53	27 15 53
	MAY .	{ 13 20 49	14 7 16		APRIL .	10 23 15	10 20 39
	O	{ 28 15 11	28 7 52		MAY .	10 11 59	10 12 8
	JUNE .	12 9 33	12 15 13		JUNE .	9 0 43	9 3 35
	JULY .	11 22 17	11 22 16		JULY .	8 13 27	8 18 21
	AUG. .	10 11 1	10 5 29		AUG. .	7 2 11	7 8 0
	SEPT. .	8 23 45	8 13 54		SEPT. .	{ 5 14 55	5 20 30
	OCT. .	8 12 29	8 0 17		O	{ 20 9 17	19 19 31
	NOV. .	{ 7 1 13	6 13 10		OCT. .	5 3 39	5 8 6
	O	{ 21 19 35	22 3 44		NOV. .	3 16 23	3 19 15
	DEC. .	6 13 57	6 4 35		DEC. .	3 5 7	3 6 10

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (Full Ecl.)	True New Moon (Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (Full Ecl.)	True New Moon (Full Ecl.)
A.D. 713. A.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 713. K.D.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 17 14 58	JAN.	1 17 51	1 16 50	March. <i>d. h. m.</i> 17 8 20	JAN.	14 8 23	13 20 8
	FEB.	31 6 35	31 8 45		FEB.	28 21 45	29 10 24
	MAR.	1 19 10	1 14 39		MAR.	27 23 18	29 7 54
	APRIL	16 18 41	17 8 40		APRIL	26 11 57	26 15 35
	MAY	31 8 8	31 2 5		MAY	26 0 41	25 22 24
	JUNE	29 20 47	29 14 34		JUNE	24 18 25	24 5 37
	JULY	29 9 31	29 4 23		JULY	9 7 47	9 14 32
	AUG.	27 22 15	27 10 22		AUG.	24 2 9	23 14 9
	SEPT.	27 10 59	27 11 8		SEPT.	22 14 53	22 1 4
	OCT.	25 23 43	25 2 44		OCT.	21 8 37	20 15 0
	NOV.	9 18 5	9 6 7		NOV.	20 16 21	20 7 52
	DEC.	24 12 27	24 17 47		DEC.	19 5 5	19 2 50
714. G.	JAN.	20 15 24	20 19 31	717. C.	JAN.	2 12 12	2 8 48
	FEB.	19 4 8	19 5 21		FEB.	17 6 34	17 16 50
	MAR.	20 18 52	20 14 36		MAR.	15 19 18	16 8 49
	APRIL	19 5 36	18 23 53		APRIL	17 8 2	17 21 46
	MAY	18 18 20	18 10 1		MAY	15 20 46	16 7 50
	JUNE	17 7 4	16 21 48		JUNE	15 9 30	15 15 44
	JULY	16 19 48	16 11 39		JULY	13 23 14	13 22 31
	AUG.	15 8 32	15 8 25		AUG.	24 16 36	24 16 54
	SEPT.	13 21 16	13 20 26		SEPT.	18 10 54	18 5 17
	OCT.	18 10 0	18 18 42		OCT.	11 23 42	11 13 7
	NOV.	11 22 44	12 6 16		NOV.	10 12 26	9 23 1
	DEC.	11 11 28	11 21 18		DEC.	10 1 10	9 11 43
715. F.	JAN.	10 0 12	10 10 25	718. H.	JAN.	6 15 22	6 16 50
	FEB.	24 18 34	24 14 15		FEB.	6 4 6	6 11 45
	MAR.	8 12 56	8 21 32		MAR.	6 16 50	7 4 47
	APRIL	10 1 40	10 6 54		APRIL	5 5 34	5 18 56
	MAY	8 14 24	8 15 4		MAY	4 18 18	5 6 14
	JUNE	8 8 8	7 22 48		JUNE	3 7 2	3 15 4
	JULY	6 15 52	6 7 5		JULY	2 19 46	2 22 29
	AUG.	6 4 36	5 16 59		AUG.	1 8 30	1 5 37
	SEPT.	20 22 54	21 5 18		SEPT.	30 21 14	30 13 24
	OCT.	4 17 20	4 5 19		OCT.	29 9 54	29 22 55
	NOV.	8 8 4	2 20 24		NOV.	28 22 42	29 10 36
	DEC.	2 18 48	2 13 49		DEC.	12 17 4	13 0 59
18 2 31	JAN.	1 7 32	1 8 29	17 19 54	JAN.	27 11 26	27 0 46
	FEB.	30 20 16	31 8 1		FEB.	27 0 10	26 17 12
	MAR.	30 9 0	30 20 2				
	APRIL						
	MAY						
	JUNE						
	JULY						
	AUG.						
	SEPT.						
	OCT.						
	NOV.						
	DEC.						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 719. A. March. d. h. m. 18 1 46		d. h. m.	d. h. m.	A.D. 722. D. March. d. h. m. 17 19 13		d. h. m.	d. h. m.
	JAN. .	25 12 55	25 11 10		JAN. .	22 4 5	22 2 45
	FEB. .	24 1 39	24 5 26		FEB. .	20 16 49	20 13 19
	MAR. .	25 14 23	25 22 44		○	{ 7 11 11	8 0 40
	APRIL	24 3 7	24 14 0		MAR. .	{ 22 5 33	22 0 8
	○	{ 8 21 29	8 15 13		APRIL	20 18 17	20 11 45
	MAY .	{ 23 15 51	24 2 46		MAY .	20 7 1	20 0 39
	JUNE .	22 4 35	22 13 12		JUNE .	18 19 45	18 14 59
	JULY .	21 17 19	21 22 2		JULY .	18 8 29	18 6 27
	AUG. .	20 6 3	20 6 14		AUG. .	{ 16 21 13	16 22 23
	SEPT. .	18 18 47	18 14 46		○	{ 31 15 35	31 5 20
	OCT. .	18 7 31	18 0 20		SEPT. .	15 9 57	15 14 6
	○	{ 2 1 53	2 5 42		OCT. .	14 22 41	15 5 0
	NOV. .	{ 16 20 15	16 11 22		NOV. .	13 11 25	13 18 47
	DEC. .	16 8 59	16 0 5		DEC. .	13 0 9	13 7 20
720. G.F. 17 7 35	JAN. .	14 21 44	14 14 29	723. C. 18 1 2	JAN. .	11 12 54	11 18 40
	FEB. .	13 10 23	13 6 13		FEB. .	{ 10 1 38	10 4 50
	MAR. .	13 23 12	13 22 47		○	{ 24 20 0	25 3 4
	APRIL	{ 12 11 56	12 15 24		MAR. .	11 14 22	11 14 6
	○	{ 27 6 18	27 7 5		APRIL	10 3 6	9 23 1
	MAY .	12 0 40	12 7 9		MAY .	9 15 50	9 8 24
	JUNE .	10 13 24	10 21 22		JUNE .	8 4 34	7 19 6
	JULY .	10 2 8	10 9 49		JULY .	7 17 18	7 7 49
	AUG. .	8 14 52	8 20 41		AUG. .	{ 6 6 2	5 22 42
	SEPT. .	7 3 36	7 6 40		○	{ 21 0 24	20 21 51
	OCT. .	{ 6 16 20	6 16 23		SEPT. .	4 18 46	4 15 20
	○	{ 21 10 42	21 5 17		OCT. .	4 7 30	4 8 52
	NOV. .	5 5 4	5 2 37		NOV. .	2 20 14	3 2 11
	DEC. .	4 17 48	4 13 26		DEC. .	{ 2 8 53	2 18 14
721. E. 17 18 24	JAN. .	3 6 32	3 0 58	724. B.A. 17 6 51	JAN. .	{ ...	1 8 27
	FEB. .	1 19 16	1 13 16		○	{ 30 10 26	30 20 31
	MAR. .	3 8 0	3 2 28		FEB. .	{ 14 4 48	14 2 49
	APRIL	1 20 44	1 16 39		MAR. .	{ 28 23 10	29 6 35
	MAY .	{ 1 9 28	1 7 39		APRIL	29 11 54	29 15 5
	JUNE .	{ 30 22 12	30 23 7		MAY .	28 0 38	27 22 43
	JULY .	29 10 56	29 14 21		APRIL	27 13 22	27 6 26
	AUG. .	28 23 40	29 4 46		JUNE .	26 2 6	25 15 18
	SEPT. .	27 12 24	27 18 5		JULY .	25 14 50	25 2 20
	OCT. .	26 1 8	26 6 24		○	{ 9 9 12	9 13 40
	NOV. .	25 13 52	25 18 0		AUG. .	{ 24 3 34	23 16 6
	DEC. .	24 2 36	24 5 10		SEPT. .	22 16 18	22 8 33
		23 15 20	23 16 4		OCT. .	22 5 2	22 2 56
					NOV. .	20 17 46	20 21 53
					DEC. .	20 6 30	20 15 55

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 725. G. March. d. h. m. 17 12 39		d. h. m.	d. h. m.	A.D. 728. D.C. March. d. h. m. 17 6 6		d. h. m.	d. h. m.
	JAN. .	18 19 15	19 7 50		JAN. .	16 10 25	16 6 5
	FEB. .	17 7 59	17 21 0		FEB. .	14 23 9	15 0 7
	MAR. .	18 20 43	19 7 27		MAR. .	15 11 53	15 17 51
	APRIL .	17 9 27	17 15 47		APRIL .	14 0 37	14 10 8
	MAY .	16 22 11	16 22 49		MAY .	{ 13 13 21	14 0 8
	JUNE .	15 10 55	15 5 39		○	{ 28 7 43	27 23 19
	JULY .	14 23 39	14 13 20		JUNE .	12 2 5	12 11 44
	AUG. .	13 12 23	12 22 59		JULY .	11 14 49	11 21 24
	SEPT. .	12 1 7	11 11 25		AUG. .	10 3 33	10 6 0
	OCT. .	11 13 51	11 2 58		SEPT. .	8 16 17	8 14 29
	NOV. .	10 2 35	9 21 7		OCT. .	8 5 1	7 23 38
	DEC. .	{ 9 15 19	9 16 37		NOV. .	6 17 45	6 10 2
	○	{ 24 9 41	24 7 41		DEC. .	6 6 29	5 21 54
726. F. 17 18 28	JAN. .	8 4 3	8 11 49	729. B. 17 11 55	JAN. .	4 19 13	4 11 20
	FEB. .	6 16 47	7 5 8		FEB. .	3 7 57	3 2 11
	MAR. .	8 5 31	8 19 34		MAR. .	4 20 41	4 18 8
	APRIL .	6 18 15	7 6 56		APRIL .	{ 3 9 25	3 10 34
	MAY .	6 6 59	6 15 43		○	{ 18 3 47	18 7 17
	JUNE .	{ 4 19 43	4 22 54		MAY .	2 22 9	3 2 43
	○	{ 19 14 5	19 12 26		JUNE .	{ 1 10 53	1 17 45
	JULY .	4 8 27	4 5 34		○	{ 30 23 37	{ 1 7 12
	AUG. .	2 21 11	{ 2 12 48		JULY .	30 12 21	{ 30 19 1
	SEPT. .	{ 1 9 55	{ 31 21 40		AUG. .	29 1 5	29 5 38
	○	{ 30 22 39	30 8 59		SEPT. .	27 13 49	27 15 41
	OCT. .	30 11 23	29 23 15		OCT. .	27 2 33	27 1 49
	NOV. .	29 0 7	28 16 14		NOV. .	25 15 17	25 12 24
	○	{ 13 18 29	13 23 24		DEC. .	25 4 1	24 23 31
	DEC. .	{ 28 12 51	28 11 5				
727. E. 18 0 17	JAN. .	27 1 36	27 6 19	730. A. 17 17 44	JAN. .	23 16 46	23 11 17
	FEB. .	25 14 20	26 0 19		FEB. .	22 5 30	21 23 45
	MAR. .	27 3 4	27 15 55		MAR. .	23 18 14	23 13 7
	APRIL .	25 15 43	26 4 34		○	{ 7 12 36	7 23 37
	MAY .	25 4 32	25 14 30		APRIL .	{ 22 6 58	22 3 30
	○	{ 8 22 54	8 14 33		MAY .	21 19 42	21 18 38
	JUNE .	{ 23 17 16	23 22 34		JUNE .	20 8 26	20 10 1
	JULY .	23 6 0	23 5 50		JULY .	19 21 10	20 1 2
	AUG. .	21 18 44	21 13 21		AUG. .	18 9 54	18 15 11
	SEPT. .	20 7 28	19 22 4		SEPT. .	16 22 38	17 4 17
	OCT. .	19 20 12	19 8 41		○	{ 1 17 0	1 3 20
	NOV. .	18 8 56	17 21 38		OCT. .	{ 16 11 22	16 16 28
	○	{ 3 3 13	3 12 21		NOV. .	15 0 6	15 4 2
	DEC. .	{ 17 21 40	17 12 54		DEC. .	14 12 50	14 15 9

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 731. g.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 734. c.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 17 23 32	JAN. .	18 1 35	13 1 52	March. <i>d. h. m.</i> 17 16 59	JAN. .	{ 9 16 45	10 4 21
	FEB. .	11 14 19	11 12 16	o	{ 24 11 7	24 4 33	
	MAR. .	{ 13 3 3	12 22 38	FEB. .	8 5 29	8 18 54	
	o	{ 27 21 25	28 11 11	MAR. .	9 18 13	10 6 34	
	APRIL	11 15 47	11 9 30	APRIL	8 6 57	8 15 43	
	MAY .	11 4 31	10 21 29	MAY .	7 19 41	7 23 11	
	JUNE .	9 17 15	9 10 56	JUNE .	6 8 25	6 5 55	
	JULY .	9 5 59	9 1 52	JULY .	{ 5 21 9	5 13 1	
	AUG. .	7 18 43	7 17 47	o	{ 20 15 31	20 21 24	
	SEPT. .	{ 6 7 27	6 9 56	AUG. .	4 9 53	3 21 35	
	o	{ 21 1 49	20 14 13	SEPT. .	2 22 37	2 8 36	
	OCT. .	5 20 11	6 1 36	OCT. .	2 11 21	{ 1 22 42	
	NOV. .	4 8 55	4 16 15	NOV. .	{ 1 0 5	{ 31 15 43	
	DEC. .	3 21 39	4 5 36	DEC. .	{ 30 12 49	30 10 43	
					30 1 33	30 6 22	
732. v.e.	JAN. .	{ 2 10 23	2 17 36		o	{ 13 19 55	13 17 36
	FEB. .	{ 31 23 7	...	735. b.	JAN. .	{ 28 14 17	29 0 45
17 5 21	MAR. .	{ 1 11 51	1 13 42	17 22 48	FEB. .	27 3 1	27 16 37
	APRIL	{ 31 0 35	30 22 28		MAR. .	28 15 45	29 5 25
	MAY .	29 13 19	29 7 16		APRIL	27 4 29	27 15 19
	JUNE .	29 2 3	28 17 1		MAY .	26 17 13	26 23 10
	JULY .	27 14 47	27 4 33		JUNE .	25 5 57	25 5 58
	AUG. .	27 3 31	26 18 21		o	{ 10 0 19	9 23 27
	SEPT. .	25 16 15	25 10 19		JULY .	{ 24 18 41	24 12 52
	OCT. .	24 4 59	24 3 44		AUG. .	23 7 25	22 20 53
	NOV. .	23 17 43	23 21 32		SEPT. .	21 20 9	21 6 59
	DEC. .	22 6 27	22 14 32		OCT. .	21 8 53	20 19 50
		21 19 11	22 5 53		NOV. .	19 21 37	19 11 32
					DEC. .	19 10 21	19 5 32
733. d.	JAN. .	20 7 56	20 19 3	736. a.g.	JAN. .	17 23 6	18 0 40
	o	{ 4 2 18	3 22 7	17 4 37	FEB. .	16 11 50	16 19 19
17 11 10	FEB. .	{ 18 20 40	19 5 59		MAR. .	17 0 34	17 12 8
	MAR. .	20 9 24	20 15 2		APRIL	15 13 18	16 2 11
	APRIL	18 22 8	18 22 48		MAY .	15 2 2	15 13 25
	MAY .	18 10 52	18 6 12		JUNE .	13 14 46	13 22 21
	JUNE .	16 23 36	16 14 17		JULY .	13 3 30	13 5 59
	JULY .	{ 16 12 20	16 0 3		AUG. .	11 16 14	11 13 24
	o	{ 31 6 42	31 12 42		SEPT. .	10 4 58	9 21 34
	AUG. .	15 1 4	14 12 25		OCT. .	9 17 42	9 7 18
	SEPT. .	13 13 48	13 3 39		NOV. .	{ 8 6 26	7 19 8
	OCT. .	13 2 32	12 21 22		o	{ 23 0 48	23 9 28
	NOV. .	11 15 16	11 16 22		DEC. .	7 19 10	7 9 14
	DEC. .	11 4 0	11 11 11				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 737. F. March. d. h. m. 17 10 25		d. h. m.	d. h. m.	A.D. 740. C.B. March. d. h. m. 17 3 52		d. h. m.	d. h. m.
	JAN. .	6 7 55	6 1 24		JAN. .	3 23 5	4 1 2
	FEB. .	4 20 39	4 18 55		FEB. .	2 11 49	2 11 25
	MAR. .	6 9 23	6 12 44		MAR. .	{ 3 0 33	2 21 31
	APRIL	4 22 7	5 5 42		○	{ 17 18 55	18 8 10
	MAY .	{ 4 10 51	4 20 50		APRIL	1 13 17	{ 1 7 46
	○	{ 19 5 13	18 22 33		MAY .	{ 1 2 1	{ 30 18 51
	JUNE .	2 23 35	3 9 40		JUNE .	{ 30 14 45	30 7 21
	JULY .	2 12 19	2 20 20		JULY .	29 3 29	28 21 31
	AUG. .	{ 1 1 3	1 5 33		AUG. .	28 16 13	28 13 5
	SEPT. .	{ 30 13 47	30 14 12		○	27 4 57	27 5 24
	OCT. .	29 2 31	28 23 8		SEPT. .	{ 10 23 19	10 13 23
	○	{ 28 15 15	28 9 1		OCT. .	{ 25 17 41	25 21 41
	NOV. .	{ 12 9 37	12 13 41		NOV. .	25 6 25	25 13 10
	DEC. .	{ 27 3 59	26 20 12		DEC. .	23 19 9	24 3 25
		26 16 43	26 8 46			23 7 53	23 16 11
738. E. 17 16 14	JAN. .	25 5 27	24 22 43	741. A. 17 9 41	JAN. .	21 20 37	22 3 27
	FEB. .	23 18 11	23 13 53		FEB. .	20 9 21	20 13 17
	MAR. .	25 6 55	25 5 54		○	{ 7 3 43	7 10 22
	APRIL	23 19 39	23 22 5		MAR. .	{ 21 22 5	21 22 8
	○	{ 8 14 1	8 14 40		APRIL	20 10 49	20 6 36
	MAY .	{ 23 8 23	23 13 41		MAY .	19 23 33	19 15 34
	JUNE .	21 21 7	22 4 1		JUNE .	18 12 17	18 1 53
	JULY .	21 9 51	21 16 49		JULY .	18 1 1	17 14 33
	AUG. .	19 22 35	20 4 12		AUG. .	{ 16 13 45	16 5 32
	SEPT. .	18 11 19	18 14 43		○	{ 31 8 7	31 5 49
	OCT. .	18 0 3	18 1 1		SEPT. .	15 2 29	14 22 31
	○	{ 1 18 25	1 13 2		OCT. .	14 15 13	14 16 40
	NOV. .	{ 16 12 47	16 11 30		NOV. .	13 3 57	13 10 15
	DEC. .	16 1 31	15 22 22		DEC. .	12 16 41	13 2 41
739. D. 17 22 3	JAN. .	14 14 15	14 9 41	742. G. 17 15 30	JAN. .	11 5 26	11 17 2
	FEB. .	13 2 59	12 21 32		FEB. .	{ 9 13 10	10 5 1
	MAR. .	14 15 44	14 10 8		○	{ 24 12 32	24 10 23
	APRIL	13 4 28	12 23 43		MAR. .	11 6 54	11 14 43
	MAY .	12 17 12	12 14 18		APRIL	9 19 38	9 22 56
	JUNE .	11 5 56	11 5 33		MAY .	9 8 22	9 6 15
	JULY .	10 18 40	10 20 54		JUNE .	7 21 6	7 13 45
	AUG. .	9 7 24	9 11 44		JULY .	7 9 50	6 22 28
	SEPT. .	7 20 8	8 1 33		AUG. .	{ 5 22 34	5 9 23
	OCT. .	7 8 52	7 14 34		○	{ 20 16 56	20 21 20
	NOV. .	5 21 36	6 2 40		SEPT. .	4 11 13	3 23 21
	DEC. .	5 10 20	5 14 7		OCT. .	4 0 2	3 16 1
					NOV. .	2 12 46	2 10 41
					DEC. .	{ 2 1 30	2 5 55
						{ 31 14 14	...

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 743. F.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 746. B.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 17 21 18	JAN. .	{ ... 30 2 58	1 0 8 30 16 4	March. <i>d. h. m.</i> 17 14 45	JAN. .	26 18 8	26 18 59
	FEB. .	28 15 42	...		FEB. .	25 6 52	25 7 33
	MAR. .	{ ... 30 4 26	1 5 5 30 15 19		MAR. .	26 19 36	27 0 53
	APRIL	28 17 10	28 23 25		APRIL	25 8 20	25 16 54
	MAY .	28 5 54	28 6 18		MAY .	24 21 4	25 6 55
	JUNE .	26 18 38	26 13 2		○	{ 8 15 26	8 6 28
	JULY .	26 7 22	25 20 46		JUNE .	23 9 48	23 18 43
	AUG. .	24 20 6	24 6 31		JULY .	22 22 32	23 4 44
	SEPT. .	23 8 50	22 19 7		AUG. .	21 11 16	21 13 45
	OCT. .	22 21 34	22 10 47		SEPT. .	20 0 0	19 22 41
	NOV. .	21 10 18	21 5 3		OCT. .	19 12 44	19 8 15
	DEC. .	20 23 2	21 0 34		NOV. .	18 1 28	17 18 51
					DEC. .	17 14 12	17 6 41
744. E.D.	○	{ 4 17 24	4 16 37	747. A.	JAN. .	16 2 56	15 19 47
17 8 7	JAN. .	{ 19 11 47	19 19 45	17 20 34	FEB. .	14 15 41	14 10 7
	FEB. .	18 0 31	18 12 56		MAR. .	16 4 25	16 1 28
	MAR. .	18 13 15	19 3 12		APRIL	{ 14 17 9	14 17 25
	APRIL	17 1 59	17 14 26		○	{ 29 11 31	29 14 58
	MAY .	16 14 43	16 23 9		MAY .	14 5 53	14 9 16
	JUNE .	{ 15 3 27	15 6 21		JUNE .	12 18 37	13 0 19
	○	{ 29 21 49	29 18 55		JULY .	12 7 21	12 14 2
	JULY .	14 16 11	14 13 7		AUG. .	10 20 5	11 2 19
	AUG. .	13 4 55	12 20 33		SEPT. .	9 8 49	9 13 29
	SEPT. .	11 17 39	11 5 38		OCT. .	8 21 33	9 0 5
	OCT. .	11 6 23	10 17 9		NOV. .	7 10 17	7 10 37
	NOV. .	9 19 7	9 7 23		DEC. .	6 23 1	6 21 22
	DEC. .	{ 9 7 51	9 0 23				
	○	{ 24 2 13	24 8 20	748. G.F.	JAN. .	5 11 46	5 8 25
745. C.	JAN. .	7 20 36	7 19 2	17 2 23	FEB. .	4 0 30	3 19 46
17 8 56	FEB. .	6 9 20	6 13 57		MAR. .	4 13 14	4 7 40
	MAR. .	7 22 4	8 7 42		APRIL	{ 3 1 53	2 20 26
	APRIL	6 10 43	6 23 7		○	{ 17 20 20	18 7 15
	MAY .	5 23 32	6 11 42		MAY .	2 14 42	2 10 16
	JUNE .	{ 4 12 16	4 21 43		JUNE .	{ 1 3 26	1 1 6
	○	{ 19 6 33	18 21 16		JULY .	30 16 10	30 16 30
	JULY .	4 1 0	4 5 53		AUG. .	30 4 54	30 7 49
	AUG. .	2 13 44	{ 2 13 30		SEPT. .	28 17 38	28 22 29
	SEPT. .	{ 1 2 23	{ 31 21 20		○	{ 12 0 44	11 11 21
		{ 30 15 12	30 6 24		OCT. .	{ 26 19 6	27 0 57
	OCT. .	30 8 56	29 17 14		NOV. .	25 7 50	25 12 53
	NOV. .	28 16 40	28 6 12		DEC. .	24 20 34	25 0 7
	○	{ 13 11 2	13 21 0				
	DEC. .	{ 23 5 24	27 21 15				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 749. E. March. d. h. m. 17 8 11		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 752. B.A. March. d. h. m. 17 1 30		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	23 9 18	23 10 40		JAN. .	21 0 28	21 12 32
	FEB. .	21 22 2	21 20 38		○	{ 4 18 50	4 12 53
	MAR. .	23 10 46	23 6 30		FEB. .	{ 19 13 12	20 2 59
	○	{ 7 5 8	7 18 30		MAR. .	20 1 56	20 14 28
	APRIL	{ 21 23 30	21 16 48		APRIL	18 14 40	18 23 25
	MAY .	21 12 14	21 4 19		MAY .	18 3 24	18 6 42
	JUNE .	20 0 58	19 17 30		JUNE .	16 16 8	16 13 20
	JULY .	19 13 42	19 8 25		JULY .	{ 16 4 52	15 20 27
	AUG. .	18 2 26	18 0 37		○	{ 30 23 14	31 4 18
	SEPT. .	16 15 10	{ 16 17 16		AUG. .	14 17 36	14 5 7
	○	{ 1 9 32	{ 30 22 28		SEPT. .	13 6 20	12 16 18
	OCT. .	{ 16 3 54	16 9 31		OCT. .	12 19 4	12 6 32
	NOV. .	14 16 38	15 0 41		NOV. .	11 7 48	10 23 39
	DEC. .	14 5 22	14 14 22		DEC. .	10 20 32	10 18 44
750. D. 17 14 0	JAN. .	12 18 7	13 2 24	753. G. 17 7 27	JAN. .	{ 9 9 17	9 14 16
	FEB. .	11 6 51	11 12 49		○	{ 24 3 39	24 2 20
	MAR. .	12 19 35	12 21 55		FEB. .	7 22 1	8 8 33
	APRIL	11 8 19	11 6 14		MAR. .	9 10 45	10 0 16
	MAY .	10 21 3	10 14 37		APRIL	7 23 29	8 12 55
	JUNE .	9 9 47	9 0 2		MAY .	7 12 13	7 22 45
	JULY .	8 22 31	8 11 23		JUNE .	6 0 57	6 6 34
	AUG. .	7 11 15	7 1 13		JULY .	{ 5 13 41	5 13 28
	SEPT. .	5 23 59	5 17 23		○	{ 20 8 3	20 6 2
	OCT. .	5 12 43	5 11 11		AUG. .	4 2 25	3 20 31
	NOV. .	4 1 27	4 5 27		SEPT. .	2 15 9	2 4 48
	DEC. .	3 14 11	3 22 52		OCT. .	{ 2 8 53	1 15 9
751. C. 17 19 49	JAN. .	{ 2 2 55	2 14 25	754. F. 17 13 16	JAN. .	23 6 50	23 8 25
		{ 31 15 39	...		FEB. .	26 19 34	27 2 46
	FEB. .	{ ...	1 3 33		MAR. .	28 8 18	28 19 19
	○	{ 15 10 1	15 5 52		APRIL	26 21 2	27 9 17
	MAR. .	{ 2 4 24	2 14 17		MAY .	26 9 46	26 20 32
		{ 31 17 8	31 23 0		JUNE .	24 22 30	25 5 38
	APRIL	30 5 52	30 6 28		JULY .	24 11 14	24 13 31
	MAY .	29 18 36	29 13 36		AUG. .	22 23 58	22 21 16
	JUNE .	28 7 20	27 21 30		SEPT. .	21 12 42	21 5 49
	JULY .	27 20 4	27 7 13		OCT. .	21 1 26	20 15 50
	○	{ 11 14 26	11 20 10		NOV. .	19 14 10	19 8 47
	AUG. .	{ 26 8 48	25 19 40		○	{ 4 8 32	4 17 53
	SEPT. .	24 21 32	24 11 5		DEC. .	{ 19 2 54	18 17 44
	OCT. .	24 10 16	24 5 2				
	NOV. .	22 23 0	23 0 18				
	DEC. .	22 11 44	22 19 19				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 755. E. March. d. h. m. 17 19 4		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 758. A. March. d. h. m. 17 12 31		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	17 15 38	17 9 31		JAN. .	14 6 48	14 9 53
	FEB. .	16 4 22	16 2 32		FEB. .	12 19 32	12 19 57
	MAR. .	17 17 6	17 19 53		MAR. .	{ 14 8 16	14 5 34
	APRIL	16 5 50	16 12 31		○	{ 29 2 38	29 15 29
	MAY .	{ 15 18 34	16 3 32		APRIL	12 21 0	12 15 18
	○	{ 30 12 56	30 5 49		MAY .	12 9 44	12 1 52
	JUNE .	14 7 18	14 16 30		JUNE .	10 22 28	10 14 1
	JULY .	13 20 2	14 3 29		JULY .	10 11 12	10 4 4
	AUG. .	12 8 46	12 13 7		AUG. .	8 23 56	8 19 48
	SEPT. .	10 21 30	10 22 14		SEPT. .	{ 7 12 40	7 12 31
	OCT. .	10 10 14	10 7 38		○	{ 22 7 2	21 21 35
	NOV. .	{ 8 22 58	8 17 49		OCT. .	7 1 24	7 5 20
	○	{ 23 17 20	23 21 40		NOV. .	5 14 8	5 21 24
	DEC. .	8 11 42	8 5 3		DEC. .	5 2 52	5 12 3
756. D.C. 17 0 53	JAN. .	7 0 27	6 17 24	759. G. 17 18 20	JAN. .	3 15 37	4 0 58
	FEB. .	5 13 11	5 6 54		FEB. .	2 4 21	2 12 6
	MAR. .	6 1 55	5 21 28		MAR. .	{ 3 17 5	3 21 40
	APRIL	4 14 39	4 12 53		○	{ 18 11 27	18 17 29
	MAY .	{ 4 3 23	4 4 42		APRIL	2 5 49	2 6 5
	○	{ 18 21 45	18 22 11		MAY .	{ 1 18 33	1 14 7
	JUNE .	2 16 7	2 20 10		○	{ 31 7 17	30 22 43
	JULY .	{ 2 4 51	2 10 41		JUNE .	29 20 1	29 8 54
	○	{ 31 17 35	31 23 54		JULY .	29 8 45	28 21 26
	AUG. .	30 6 19	30 11 51		AUG. .	27 21 29	27 12 33
	SEPT. .	28 19 3	28 22 57		○	{ 11 15 51	11 13 57
	OCT. .	28 7 47	28 9 42		SEPT. .	{ 26 10 13	26 5 50
	○	{ 12 2 9	11 20 53		OCT. .	25 22 57	26 0 14
	NOV. .	{ 26 20 81	26 20 27		NOV. .	24 11 41	24 18 25
	DEC. .	26 9 15	26 7 20		DEC. .	24 0 25	24 11 8
757. B. 17 6 42	JAN. .	24 21 59	24 18 20	760. F.E. 17 0 9	JAN. .	22 13 9	23 1 31
	FEB. .	23 10 48	23 5 41		FEB. .	21 1 53	21 13 20
	MAR. .	24 23 27	24 17 40		○	{ 6 20 15	6 17 47
	APRIL	23 12 11	23 6 41		MAR. .	{ 21 14 37	21 22 51
	○	{ 8 6 88	8 15 7		APRIL	20 3 21	20 6 41
	MAY .	{ 23 0 55	22 20 51		MAY .	19 16 5	19 13 43
	JUNE .	21 13 39	21 11 58		JUNE .	18 4 49	17 21 2
	JULY .	21 2 23	21 3 30		JULY .	17 17 33	17 5 41
	AUG. .	19 15 7	19 18 47		AUG. .	{ 16 6 17	15 16 43
	SEPT. .	18 3 51	18 9 17		○	{ 31 0 39	31 5 7
	OCT. .	17 16 35	17 22 49		SEPT. .	14 19 1	14 6 43
	NOV. .	16 5 19	16 11 22		OCT. .	14 7 45	13 23 37
	DEC. .	15 18 3	15 23 2		NOV. .	12 20 29	12 18 31
					DEC. .	12 9 13	12 13 56

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Months.	Mean New Moon. (O Full Rel.)	True New Moon. (O Full Rel.)	Mean Vernal Equinox.	Months.	Mean New Moon. (O Full Rel.)	True New Moon. (O Full Rel.)
A.D. 781. D. March. d. h. m. 17 5 57		d. h. m.	d. h. m.	A.D. 784. A.D. March. d. h. m. 16 23 23		d. h. m.	d. h. m.
	JAN.	10 21 58	11 8 16		JAN.	8 18 8	8 5 35
	FEB.	9 10 42	10 0 9		FEB.	7 1 52	6 21 49
	MAR.	10 23 26	11 13 2		MAR.	7 14 36	7 14 53
	APRIL.	9 12 10	9 23 4		APRIL.	6 8 20	6 7 47
	MAY.	9 0 54	9 0 59		MAY.	5 16 4	5 21 50
	JUNE.	7 18 38	7 18 45		JUNE.	4 4 43	4 13 39
	JULY.	7 2 22	6 30 29		JULY.	16 23 10	16 13 39
	AUG.	5 15 6	5 4 18		AUG.	3 17 32	4 1 42
	SEPT.	4 3 50	3 14 14		SEPT.	2 6 15	2 12 9
	OCT.	3 16 34	3 2 59		OCT.	31 19 0	31 21 40
	NOV.	2 5 18	1 18 46		NOV.	30 7 44	30 7 4
	DEC.	1 18 2	1 18 2		DEC.	29 30 29	29 16 59
		31 0 46	31 8 32			29 9 12	29 3 45
	O	15 1 9	15 1 24			27 21 56	27 15 26
782. C. 17 11 46	JAN.	30 19 31	30 8 33	785. F. 17 5 12	JAN.	36 10 41	36 4 12
	FEB.	29 8 15	28 30 35		FEB.	24 23 25	24 17 57
	MAR.	29 20 59	30 10 42		MAR.	23 12 9	23 6 41
	APRIL.	28 9 43	28 21 50		APRIL.	25 0 53	25 0 6
	MAY.	27 22 27	28 6 31		O	9 19 15	9 22 33
	JUNE.	26 11 11	26 18 46		MAY.	24 13 37	24 15 45
	O	11 5 53	11 1 20		JUNE.	23 2 21	23 0 51
	JULY.	25 23 55	26 30 43		JULY.	22 15 5	22 30 55
	AUG.	24 12 39	24 4 34		AUG.	21 8 49	21 0 43
	SEPT.	23 1 23	23 13 45		SEPT.	19 16 33	19 21 28
	OCT.	22 14 7	22 1 24		OCT.	19 5 17	19 6 37
	NOV.	21 2 51	20 15 49		NOV.	17 18 1	17 19 31
	DEC.	20 15 35	20 8 54		DEC.	17 6 45	17 6 21
	O	4 9 57	4 17 12	788. H. 17 11 1	JAN.	15 19 29	15 17 13
783. H. 17 17 35	JAN.	19 4 19	19 2 38		FEB.	14 8 13	14 4 8
	FEB.	17 17 3	17 21 34		MAR.	13 30 57	13 15 27
	MAR.	19 5 47	19 14 57		APRIL.	14 9 41	14 8 37
	APRIL.	17 14 31	18 6 8		O	20 4 8	20 14 45
	MAY.	17 7 15	17 19 43		MAY.	18 22 25	18 16 56
	JUNE.	15 19 59	16 4 52		JUNE.	12 11 9	12 7 34
	O	30 14 21	30 4 2		JULY.	11 23 53	11 23 0
	JULY.	15 8 43	15 13 21		AUG.	10 12 37	10 14 39
	AUG.	13 21 27	13 21 14		SEPT.	9 1 21	9 5 51
	SEPT.	12 10 11	12 5 39		OCT.	8 14 5	8 20 12
	OCT.	11 22 55	11 14 52		O	23 5 27	23 19 30
	NOV.	10 11 39	10 1 54		NOV.	7 2 43	7 9 30
	DEC.	10 0 23	9 14 48		DEC.	6 15 33	6 21 45
	O	24 18 45	25 5 34				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 767. D. March. <i>d. h. m.</i> 17 16 50		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 770. G.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	5 4 18	5 9 1		JAN. .	{ 1 19 28 31 8 12	2 3 23 31 20 35
	FEB. .	3 17 2	3 19 20		FEB. ○	15 2 34	14 21 8
	MAR. .	5 5 46	5 4 55	March. <i>d. h. m.</i> 17 10 16	MAR. .	{ 1 20 56 31 9 40	2 10 56 31 22 14
	APRIL	{ 3 18 30 18 12 52	3 14 14 19 1 42		APRIL	29 22 24	30 7 1
	MAY .	3 7 14	3 0 2		MAY .	29 11 8	29 14 10
	JUNE .	1 19 58	1 11 9		JUNE .	27 23 52	27 20 47
	JULY .	{ 1 8 42 30 21 26	1 0 8 30 15 6		JULY .	27 12 36	27 3 59
	AUG. .	29 10 10	29 7 34		○	{ 11 6 58 26 1 20	11 11 17 25 12 50
	SEPT. .	27 22 54	28 0 43		SEPT. .	24 14 4	24 0 11
	○	{ 12 17 16 27 11 38	12 6 53 27 17 32		OCT. .	24 2 48	23 14 32
	OCT. .	26 0 22	26 9 11		NOV. .	22 15 32	22 7 42
	NOV. .	25 13 6	25 23 5		DEC. .	22 4 16	22 2 44
	DEC. .						
768. C.B. 16 22 39	JAN. .	24 1 51	24 11 6	771. F.	JAN. .	20 17 0	20 22 6
	FEB. .	22 14 35	22 21 16		○	{ 4 11 22 19 5 44	4 10 58 19 16 10
	MAR. .	23 3 19	23 6 0	17 16 5	MAR. .	20 18 28	21 7 44
	APRIL	21 16 3	21 13 55		APRIL	19 7 12	19 20 15
	MAY .	21 4 47	20 21 56		MAY .	18 19 56	19 6 3
	JUNE .	19 17 31	19 7 4		JUNE .	17 8 40	17 13 55
	JULY .	19 6 15	18 13 18		JULY .	{ 16 21 24 31 15 46	16 20 59 31 12 38
	AUG. .	17 18 59	17 8 11		○	15 10 8	15 4 18
	SEPT. .	16 7 43	16 0 35		AUG. .	13 22 52	13 12 52
	OCT. .	15 20 27	15 18 47		SEPT. .	13 11 36	12 23 27
	NOV. .	14 9 11	14 13 26		OCT. .	12 0 20	11 12 30
	DEC. .	18 21 55	14 7 11		NOV. .	11 13 4	11 4 5
					DEC. .		
769. A. 17 4 28	JAN. .	12 10 39	12 22 52	772. E.D.	JAN. .	10 1 49	9 21 36
	FEB. .	{ 10 23 23 25 17 45	11 11 55 25 13 32	16 21 54	FEB. .	8 14 33	8 16 2
	○	12 12 7	12 22 25		MAR. .	9 3 17	9 10 1
	MAR. .	11 0 51	11 6 51		APRIL	7 16 1	8 2 21
	APRIL	10 13 35	10 14 2		MAY .	7 4 45	7 16 13
	MAY .	9 2 19	8 20 57		JUNE .	5 17 29	6 3 35
	JUNE .	8 15 3	8 4 45		JULY .	5 6 13	5 12 54
	JULY .	{ 7 3 47 21 22 9	6 14 31 22 3 42		AUG. .	3 18 57	3 21 8
	AUG. .	5 16 31	5 3 3		SEPT. .	2 7 41	2 5 13
	○	5 5 15	4 13 39		○	{ 1 20 25 31 9 9	1 14 13 31 0 30
	SEPT. .	8 17 59	8 12 48		OCT. .	29 21 53	29 12 28
	OCT. .	8 6 43	3 8 16		NOV. .	{ 14 16 15 29 10 37	15 2 25 29 2 13
	NOV. .				○		
	DEC. .				DEC. .		

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 773. C. March. d. h. m. 17 3 43		d. h. m.	d. h. m.	A.D. 776. G.F. March. d. h. m. 16 21 9		d. h. m.	d. h. m.
	JAN. .	27 23 21	27 17 33		JAN. .	25 14 32	25 18 40
	FEB. .	26 12 6	26 10 3		FEB. .	24 3 16	24 4 23
	MAR. .	28 0 50	28 2 53		MAR. .	24 16 0	24 13 32
	APRIL	26 13 34	26 19 13		○	{ 8 10 22	8 22 39
	MAY .	26 2 18	26 10 12		APRIL	{ 23 4 44	22 22 45
	○	{ 9 20 40	9 13 6		MAY .	22 17 28	22 8 54
	JUNE .	{ 24 15 2	24 23 20		JUNE .	21 6 12	20 20 45
	JULY .	24 3 46	24 10 42		JULY .	20 18 56	20 10 43
	AUG. .	22 16 30	22 20 50		AUG. .	19 7 40	19 2 37
	SEPT. .	21 5 14	21 6 27		SEPT. .	17 20 24	17 19 46
	OCT. .	20 17 58	20 16 16		○	{ 2 14 46	2 5 56
	NOV. .	19 6 42	19 2 42		OCT. .	{ 17 9 8	17 13 7
	○	{ 4 1 4	4 5 43		NOV. .	15 21 52	16 5 42
	DEC. .	{ 18 19 26	18 13 56		DEC. .	15 10 36	15 20 41
774. B. 17 9 32	JAN. .	17 8 10	17 1 59	777. E. 17 2 58	JAN. .	13 23 20	14 9 40
	FEB. .	15 20 54	15 14 57		FEB. .	12 12 4	12 20 38
	MAR. .	17 9 38	17 4 55		MAR. .	{ 14 0 48	14 5 51
	APRIL	15 22 22	15 19 46		○	{ 28 19 10	29 0 29
	MAY .	{ 15 11 6	15 11 14		APRIL	12 13 32	12 13 58
	○	{ 30 5 28	30 5 38		MAY .	12 2 16	11 21 32
	JUNE .	13 23 50	14 2 38		JUNE .	10 15 0	10 5 51
	JULY .	13 12 34	13 17 23		JULY .	10 3 44	9 15 52
	AUG. .	12 1 18	12 7 2		AUG. .	8 16 28	8 4 24
	SEPT. .	10 14 2	10 19 34		SEPT. .	{ 7 5 12	6 19 41
	OCT. .	10 2 46	10 7 15		○	{ 21 23 34	21 22 13
	NOV. .	{ 8 15 30	8 18 27		OCT. .	6 17 56	6 13 16
	○	{ 23 9 52	23 4 51		NOV. .	5 6 40	5 8 8
	DEC. .	8 4 14	8 5 24		DEC. .	4 19 24	5 2 35
775. A. 17 15 21	JAN. .	6 16 59	6 16 13	778. D. 17 8 47	JAN. .	3 8 9	3 19 30
	FEB. .	5 5 43	5 2 55		FEB. .	1 20 53	2 9 54
	MAR. .	6 18 27	6 13 44		MAR. .	{ 3 9 37	3 21 32
	APRIL	5 7 11	5 1 7		○	{ 18 3 59	18 1 5
	MAY .	{ 4 19 55	4 13 34		APRIL	1 22 21	2 6 47
	○	{ 19 14 17	19 22 32		MAY .	{ 1 11 5	1 14 21
	JUNE .	3 8 39	3 3 25		○	{ 30 23 49	30 21 10
	JULY .	2 21 23	2 18 27		JUNE .	29 12 33	29 4 22
	AUG. .	{ 1 10 7	1 10 12		JULY .	29 1 17	28 13 1
	○	{ 30 22 51	31 1 56		AUG. .	27 14 1	27 0 8
	SEPT. .	29 11 35	29 17 3		○	{ 11 8 23	11 13 0
	OCT. .	29 0 19	29 7 10		SEPT. .	{ 26 2 45	25 14 17
	NOV. .	27 13 3	27 20 9		OCT. .	25 15 29	25 7 21
	DEC. .	27 1 47	27 7 57		NOV. .	24 4 13	24 2 26
					DEC. .	23 16 57	23 21 58

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 779. C. March. d. h. m. 17 14 36		d. h. m.	d. h. m.	A.D. 782. F. March. d. h. m. 17 8 2		d. h. m.	d. h. m.
	JAN. .	22 5 42	22 16 18		JAN. .	{ 4 2 30	4 14 7
	FEB. .	20 18 26	21 8 6		JAN. .	{ 18 20 52	18 13 52
	MAR. .	22 7 10	22 20 48		FEB. .	17 9 36	17 5 34
	APRIL	20 19 54	21 6 41		MAR. .	18 22 20	18 22 3
	MAY .	20 8 38	20 14 27		APRIL	17 11 4	17 14 33
	JUNE .	18 21 22	18 21 12		MAY .	16 23 48	17 6 13
	JULY .	18 10 6	18 4 2		JUNE .	{ 15 12 32	15 20 21
	AUG. .	16 22 50	16 12 0		O	{ 30 6 54	29 20 53
	SEPT. .	15 11 34	14 22 7		JULY .	15 1 16	15 8 44
	OCT. .	15 0 18	14 11 0		AUG. .	13 14 0	13 19 38
	NOV. .	13 13 2	13 2 52		SEPT. .	12 2 44	12 5 40
	DEC. .	13 1 46	12 21 5		OCT. .	11 15 28	11 15 34
					NOV. .	10 4 12	10 1 49
					DEC. .	9 16 56	9 12 41
780. B.A. 16 20 25	JAN. .	{ 11 14 30	11 16 25	783. E. 17 13 51	JAN. .	8 5 40	8 0 14
	O	{ 26 8 52	26 10 13		FEB. .	6 18 24	6 12 30
	FEB. .	10 8 14	10 11 13		MAR. .	8 7 8	8 1 39
	MAR. .	10 15 58	11 4 2		APRIL	6 19 52	6 15 47
	APRIL	9 4 42	9 13 0		MAY .	6 8 36	6 6 46
	MAY .	8 17 26	9 5 4		JUNE .	4 21 20	4 22 12
	JUNE .	7 6 10	7 13 49		JULY .	4 10 4	4 13 25
	JULY .	{ 6 18 54	6 21 13		AUG. .	2 22 43	3 3 49
	O	{ 21 13 16	21 8 0		SEPT. .	1 11 32	1 17 12
	AUG. .	5 7 38	5 4 24		O	{ 1 0 16	1 5 33
	SEPT. .	3 20 22	3 12 24		O	{ 30 13 0	30 17 12
	OCT. .	3 9 6	2 22 2		NOV. .	29 1 44	29 4 25
	NOV. .	1 21 50	1 9 53		DEC. .	28 14 28	28 15 19
	DEC. .	{ 1 10 34	1 0 13				
	O	{ 80 23 19	80 16 45				
781. C. 17 2 14	JAN. .	{ 14 17 41	15 2 1	784. D.C. 16 19 40	JAN. .	27 3 13	27 1 56
	FEB. .	{ 29 12 3	29 10 41		FEB. .	25 15 57	25 12 24
	MAR. .	23 0 47	23 4 50		MAR. .	26 4 41	25 23 9
	APRIL	29 13 31	29 21 57		APRIL	24 17 25	24 10 44
	MAY .	28 2 15	28 13 4		O	{ 9 11 47	9 22 9
	JUNE .	26 3 43	26 12 0		MAY .	{ 24 6 9	23 23 40
	O	{ 10 22 5	10 10 52		JUNE .	22 18 53	22 14 3
	JULY .	{ 25 16 27	25 20 51		JULY .	22 7 37	22 5 34
	AUG. .	24 5 11	24 5 7		AUG. .	20 20 21	20 21 36
	SEPT. .	22 17 55	22 13 46		SEPT. .	19 9 5	19 13 22
	OCT. .	22 6 39	21 23 23		OCT. .	18 21 49	19 4 19
	NOV. .	20 19 23	20 10 39		O	{ 2 16 11	2 3 43
	DEC. .	20 8 7	19 23 27		NOV. .	{ 17 10 33	17 18 7
					DEC. .	16 23 17	17 6 37

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 785. B. March. d. h. m. 17 1 29		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 788. F.E. March. d. h. m. 16 18 55		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	15 12 1	15 17 51		JAN. .	13 8 11	13 11 22
	FEB. .	14 0 45	14 3 53		FEB. .	{ 11 15 55	12 4 30
	MAR. .	15 13 29	15 13 3		○	{ 26 10 17	26 5 15
	APRIL	{ 14 2 13	13 21 52		MAR. .	12 4 39	12 18 42
	○	{ 28 20 35	29 8 46		APRIL	10 17 23	11 5 50
	MAY .	13 14 57	13 7 13		MAY .	10 6 7	10 14 29
	JUNE .	12 3 41	11 17 59		JUNE .	8 18 51	8 21 36
	JULY .	11 16 25	11 6 49		JULY .	8 7 35	8 4 17
	AUG. .	10 5 9	9 21 51		AUG. .	{ 6 20 19	6 11 37
	SEPT. .	8 17 53	8 14 39		○	{ 21 14 41	21 18 21
	OCT. .	{ 8 6 37	8 8 18		SEPT. .	5 9 3	4 20 40
	○	{ 23 0 59	22 15 25		OCT. .	4 21 47	4 8 12
	NOV. .	6 19 21	7 1 36		NOV. .	3 10 31	2 22 39
	DEC. .	6 8 5	6 17 39		DEC. .	2 23 15	2 15 47
786. A. 17 7 18	JAN. .	4 20 50	5 7 46	789. D. 17 0 44	JAN. .	{ 1 11 59	1 10 40
	FEB. .	3 9 34	3 19 41		FEB. ○	{ 31 0 43	31 5 48
	MAR. .	4 22 18	5 5 35		MAR. .	{ 1 13 28	1 23 40
	APRIL	3 11 2	3 13 56		○	{ 31 2 12	31 15 8
	MAY .	2 23 46	2 21 28		APRIL	29 14 56	30 8 30
	JUNE .	1 12 30	{ 1 5 12		MAY .	29 3 40	29 13 17
	JULY .	{ 1 1 14	{ 30 14 9		JUNE .	27 16 24	27 21 19
	AUG. .	29 2 42	30 1 19		JULY .	27 5 8	27 4 35
	SEPT. .	27 15 26	28 15 16		○	{ 10 23 30	10 19 8
	OCT. .	27 4 10	27 7 56		AUG. .	{ 25 17 52	25 12 14
	NOV. .	25 16 54	27 2 28		SEPT. .	24 6 36	23 21 6
	DEC. .	25 5 38	25 21 28		OCT. .	23 19 20	23 7 55
			25 15 26		NOV. .	22 8 4	21 21 0
787. G. 17 13 7	JAN. .	23 18 23	24 7 12	790. C. 17 6 33	DEC. .	21 20 43	21 12 24
	FEB. .	22 7 7	22 20 9		JAN. .	20 9 33	20 5 34
	○	{ 9 1 29	8 21 5		FEB. .	18 22 17	18 23 33
	MAR. .	{ 23 19 51	24 6 24		MAR. .	20 11 1	20 17 9
	APRIL	22 8 35	22 14 33		APRIL	18 23 45	19 9 15
	MAY .	21 21 19	21 21 32		MAY .	18 12 29	18 23 6
	JUNE .	20 10 3	20 4 21		JUNE .	17 1 13	17 10 36
	JULY .	19 22 47	19 12 9		JULY .	16 13 57	16 20 14
	AUG. .	18 11 31	17 21 58		AUG. .	15 2 41	15 4 52
	○	{ 2 5 53	2 11 22		SEPT. .	13 15 25	13 13 26
	SEPT. .	{ 17 0 15	16 10 37		OCT. .	13 4 9	12 22 44
	OCT. .	16 12 59	16 2 24		NOV. .	11 16 53	11 9 16
	NOV. .	15 1 43	14 20 42		DEC. .	{ 11 5 37	10 21 14
	DEC. .	14 14 27	14 16 14		○	{ 25 23 59	26 10 51

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 791. D. March. d. h. m. 17 12 21		d. h. m.	d. h. m.	A.D. 794. E. March. d. h. m. 17 5 48		d. h. m.	d. h. m.
	JAN. .	9 18 21	9 10 42		JAN. .	6 9 31	6 16 50
	FEB. .	8 7 5	8 1 32		FEB. .	4 22 15	5 3 20
	MAR. .	9 19 49	9 17 25		MAR. .	6 10 59	6 12 41
	APRIL .	8 8 33	8 9 47		APRIL .	4 23 43	4 21 20
	MAY .	7 21 17	8 1 49		MAY .	4 12 27	4 6 6
	JUNE .	{ 6 10 1	6 16 46		JUNE .	3 1 11	2 15 52
	○	{ 21 4 23	20 20 23		JULY .	2 13 55	2 3 30
	JULY .	5 22 45	6 6 10		AUG. .	{ 1 2 39	31 17 28
	AUG. .	4 11 29	4 17 57			{ 30 15 23	30 9 35
	SEPT. .	3 0 13	3 4 37		SEPT. .	29 4 7	29 3 9
	OCT. .	2 12 57	2 14 45		○	{ 13 22 29	13 14 25
	NOV. .	{ 1 1 41	1 1 0		OCT. .	{ 28 16 51	28 21 1
	○	{ 30 14 25	30 11 38		NOV. .	27 5 35	27 14 1
	DEC. .	{ 15 8 47	15 13 45		DEC. .	26 18 19	27 5 15
		{ 30 8 9	29 22 48				
792. A.D. 16 18 11	JAN. .	28 15 54	28 10 31	795. D. 17 11 37	JAN. .	25 7 4	25 18 17
	FEB. .	27 4 38	26 22 56		FEB. .	23 19 48	24 5 2
	MAR. .	27 17 22	27 12 16		MAR. .	25 8 32	25 13 54
	APRIL .	26 6 6	26 2 36		○	{ 9 2 54	9 7 24
	MAY .	25 18 50	25 17 42		APRIL .	{ 23 21 16	23 21 35
	○	{ 9 13 12	9 13 5		MAY .	23 10 0	23 4 57
	JUNE .	{ 21 7 31	21 9 5		JUNE .	21 22 44	21 13 3
	JULY .	20 20 18	20 0 7		JULY .	21 11 28	20 22 58
	AUG. .	22 0 2	22 14 17		AUG. .	20 0 12	19 11 32
	SEPT. .	20 21 46	21 3 26		SEPT. .	18 12 56	18 3 0
	OCT. .	20 10 30	20 15 41		○	{ 8 7 18	8 6 36
	NOV. .	18 23 14	19 3 17		OCT. .	{ 18 1 40	17 20 52
	○	{ 8 17 36	8 12 50		NOV. .	16 14 24	16 15 53
	DEC. .	{ 18 11 58	18 14 24		DEC. .	16 3 8	16 10 44
793. F. 17 0 0	JAN. .	17 0 48	17 1 4	796. G.D. 16 17 26	JAN. .	14 15 53	15 3 46
	FEB. .	15 18 27	15 11 23		FEB. .	13 4 37	13 18 7
	MAR. .	17 2 11	16 21 39		MAR. .	{ 13 17 21	14 5 34
	APRIL .	15 14 55	15 8 28		○	{ 28 11 43	28 8 17
	MAY .	{ 15 3 39	14 20 26		APRIL .	12 6 5	12 14 34
	○	{ 20 22 1	30 5 53		MAY .	11 18 49	11 21 54
	JUNE .	13 16 23	13 9 57		JUNE .	10 7 33	10 4 36
	JULY .	13 5 7	13 0 58		JULY .	9 20 17	9 11 46
	AUG. .	11 17 51	11 16 58		AUG. .	8 9 1	7 20 29
	SEPT. .	10 0 35	10 9 13		SEPT. .	{ 6 21 45	6 7 44
	OCT. .	9 19 19	10 0 56		○	{ 21 16 7	21 21 1
	NOV. .	8 8 3	8 15 36		OCT. .	6 10 29	5 22 1
	DEC. .	7 20 47	8 4 56		NOV. .	4 23 13	4 15 14
					DEC. .	4 11 57	4 10 24

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 797.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 800.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				E.D.			
March.	JAN. .	3 0 41	3 5 56	March.	○	{ 15 10 13	15 22 32
<i>d. h. m.</i>	FEB. .	1 13 25	2 0 11	<i>d. h. m.</i>	JAN. .	{ 30 4 35	29 22 4
16 23 15	MAR. .	3 2 9	3 15 50		FEB. .	28 17 19	28 13 11
	APRIL	1 14 53	2 4 25	16 16 41	MAR. .	29 6 8	29 5 7
	MAY .	{ 1 3 37	1 14 9		APRIL	27 18 47	27 21 13
		{ 30 16 21	30 21 52		MAY .	27 7 31	27 12 44
	JUNE .	29 5 5	29 4 40		JUNE .	25 20 15	26 3 1
	JULY .	28 17 49	28 11 38		○	{ 10 14 37	10 4 10
	AUG. .	27 6 33	26 19 48		JULY .	{ 25 8 59	25 15 46
	SEPT. .	25 19 17	25 6 7		AUG. .	23 21 43	24 3 12
	OCT. .	25 8 1	24 19 10		SEPT. .	22 10 27	22 13 48
	NOV. .	23 20 45	23 11 2		OCT. .	21 23 11	22 0 11
	DEC. .	23 9 29	23 5 7		NOV. .	20 11 55	20 10 48
					DEC. .	20 0 39	19 21 37
798.	JAN. .	21 22 14	22 0 13				
G.	○	{ 5 16 36	5 18 54	801.	JAN. .	18 13 24	18 8 56
	FEB. .	{ 20 10 58	20 18 44	C.	FEB. .	17 2 8	16 20 48
17 5 4	MAR. .	21 23 42	22 11 21	16 22 30	MAR. .	18 14 52	18 9 15
	APRIL	20 12 26	21 1 12		APRIL	17 3 36	16 22 48
	MAY .	20 1 10	20 12 16		MAY .	16 16 20	16 13 21
	JUNE .	18 13 54	18 21 7		JUNE .	15 5 4	15 4 36
	JULY .	18 2 38	18 4 44		JULY .	14 17 48	14 19 58
	○	{ 1 21 0	1 14 40		AUG. .	13 6 32	13 10 51
	AUG. .	{ 16 15 22	16 12 14		SEPT. .	11 19 16	12 0 48
	SEPT. .	15 4 6	14 20 33		OCT. .	11 8 0	11 13 47
	OCT. .	14 16 50	14 6 28		NOV. .	9 20 44	10 1 54
	NOV. .	13 5 34	12 18 27		DEC. .	9 9 28	9 13 22
	DEC. .	12 18 18	12 8 40				
799.	JAN. .	{ 11 7 2	11 0 51	802.	JAN. .	7 22 12	8 0 14
F.	○	{ 26 1 24	26 10 42	B.	FEB. .	6 10 56	6 10 81
	FEB. .	9 19 46	9 18 20	17 4 19	MAR. .	7 23 40	7 20 32
17 10 53	MAR. .	11 8 30	11 12 4		APRIL	6 12 24	6 6 42
	APRIL	9 21 14	10 4 52		MAY .	{ 6 1 8	5 17 47
	MAY .	9 9 58	9 19 51		○	{ 20 19 30	21 5 27
	JUNE .	7 22 42	8 8 32		JUNE .	4 13 52	4 6 19
	JULY .	{ 7 11 26	7 19 10		JULY .	4 2 36	3 20 32
	○	{ 22 5 43	21 17 48		AUG. .	2 15 20	2 12 14
	AUG. .	6 0 10	6 4 23		SEPT. .	{ 1 4 4	1 4 39
	SEPT. .	4 12 54	4 13 6			{ 30 16 48	30 21 0
	OCT. .	4 1 38	3 22 11		OCT. .	30 5 32	30 12 32
	NOV. .	2 14 22	2 8 12		○	{ 13 23 54	13 12 11
	DEC. .	{ 2 3 6	1 19 28		NOV. .	{ 28 18 16	29 2 45
		{ 31 15 50	31 8 6		DEC. .	28 7 0	28 15 28

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 803. A. March. d. h. m. 17 10 8		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 806. D. March. d. h. m. 17 3 34		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	26 19 45	27 2 36		JAN. .	23 10 55	23 19 16
	FEB. .	25 8 29	25 12 20		FEB. .	21 23 39	22 12 15
	MAR. .	26 21 13	26 21 3		○ { 8 18 1	8 13 16	
	APRIL	25 9 57	25 5 25		MAR. . { 23 12 23	24 2 18	
	○ { 10 4 19	10 15 43			APRIL	22 1 7	22 13 19
	MAY . { 24 22 41	24 14 22			MAY .	21 13 51	21 21 53
	JUNE .	23 11 25	23 0 52		JUNE .	20 2 35	20 5 2
	JULY .	23 0 9	22 13 35		JULY .	19 15 19	19 11 49
	AUG. .	21 12 53	21 4 45		AUG. .	18 4 3	17 19 23
	SEPT. .	20 1 37	19 21 54		○ { 1 22 25	2 1 33	
	OCT. .	19 14 21	19 15 59		SEPT. . { 16 16 47	16 4 40	
	○ { 3 8 43	3 0 5			OCT. .	16 5 31	15 16 24
	NOV. . { 18 3 5	18 9 46			NOV. .	14 18 15	14 6 54
	DEC. .	17 15 49	18 2 9		DEC. .	14 6 59	13 23 57
804. G.F. 16 15 57	JAN. .	16 4 34	16 16 21	807. C. 17 9 23	JAN. .	12 19 44	12 13 36
	FEB. .	14 17 18	15 4 8		FEB. . { 11 8 28	11 13 26	
	MAR. .	15 6 2	15 13 45		○ { 26 2 50	26 3 54	
	APRIL	13 18 46	13 21 45		MAR. .	12 21 12	13 7 0
	MAY .	13 7 30	13 5 0		APRIL	11 9 56	11 22 12
	JUNE .	11 20 14	11 12 29		MAY .	10 22 40	11 10 37
	JULY .	11 8 58	10 21 19		JUNE .	9 11 24	9 20 29
	AUG. .	9 21 42	9 8 29		JULY .	9 0 8	9 4 43
	SEPT. .	8 10 26	7 22 34		AUG. . { 7 12 52	7 12 17	
	OCT. .	7 23 10	7 15 28		○ { 22 7 14	22 2 15	
	NOV. .	6 11 54	6 10 16		SEPT. .	6 1 36	5 20 16
	DEC. .	6 0 38	6 5 31		OCT. .	5 14 20	5 5 29
					NOV. .	4 3 4	3 16 29
					DEC. .	3 15 43	3 5 35
805. E. 16 21 46	JAN. .	4 13 22	4 23 39	808. B.A. 16 15 12	JAN. . { 2 4 32	1 20 43	
	FEB. .	3 2 6	3 15 23		{ 31 17 16	31 13 27	
	MAR. .	4 14 50	5 4 11		FEB. .	...	...
	APRIL	3 3 34	3 14 13		{ 1 6 0	1 6 56	
	MAY .	2 16 18	2 22 10		MAR. . { 30 18 44	31 0 7	
	JUNE . { 1 5 2	1 4 59			APRIL	29 7 28	29 16 0
	{ 80 17 46	80 11 46			MAY .	28 20 12	29 5 53
	JULY .	80 6 30	29 19 36		JUNE .	27 8 56	27 17 35
	AUG. .	28 19 14	28 5 32		JULY .	26 21 40	27 3 35
	○ { 12 13 36	12 19 7			AUG. .	25 10 24	25 12 40
	SEPT. . { 27 7 58	26 18 21			SEPT. .	23 23 8	23 21 42
	OCT. .	26 20 42	26 10 15		OCT. .	23 11 52	23 7 24
	NOV. .	25 9 26	25 4 38		NOV. .	22 0 36	21 18 6
	DEC. .	24 22 10	25 0 11		DEC. .	21 13 20	21 6 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 809. G.		d. h. m.	d. h. m.	A.D. 812. D.C.		d. h. m.	d. h. m.
March. d. h. m.	○	{ 5 7 43	5 19 26	March. d. h. m.	JAN. .	17 17 15	18 1 36
16 21 1	JAN. .	{ 20 2 5	19 19 7	16 14 27	FEB. .	16 5 59	16 11 52
	FEB. .	18 14 49	18 9 25		MAR. .	16 18 43	16 20 51
	MAR. .	20 3 33	20 0 42		APRIL	15 7 27	15 5 5
	APRIL	18 16 17	18 16 34		MAY .	14 20 11	14 13 25
	MAY .	18 5 1	18 8 21		JUNE .	13 8 55	12 22 53
	JUNE .	16 17 45	16 23 19		JULY .	12 21 39	12 10 22
	○	{ 1 12 7	1 3 44		AUG. .	11 10 23	11 0 21
	JULY .	{ 16 6 29	16 13 1		SEPT. .	9 23 7	9 16 42
	AUG. .	14 19 13	15 1 19		OCT. .	{ 9 11 51	9 10 39
	SEPT. .	13 7 57	13 12 32		○	{ 24 6 13	23 23 4
	OCT. .	12 20 41	12 23 13		NOV. .	8 0 35	8 4 58
	NOV. .	11 9 25	11 9 50		DEC. .	7 13 19	7 22 22
	DEC. .	{ 10 22 9	10 20 38				
	○	{ 25 16 31	25 21 47	813. B.	JAN. .	6 2 3	6 13 47
810. F.	JAN. .	9 10 53	9 7 37	16 20 16	FEB. .	4 14 47	5 2 44
17 2 50	FEB. .	7 23 37	7 13 56		MAR. .	6 3 31	6 13 16
	MAR. .	9 12 21	9 6 46		APRIL	{ 4 16 15	4 21 50
	APRIL	8 1 5	7 19 30		○	{ 19 10 37	19 14 8
	MAY .	7 13 49	7 9 18		MAY .	4 4 59	4 5 12
	JUNE .	{ 6 2 33	6 0 9		JUNE .	2 17 43	2 12 19
	○	{ 20 20 55	20 20 32		JULY .	{ 2 6 27	1 20 16
	JULY .	5 15 17	5 15 34		AUG. .	{ 31 19 11	31 6 10
	AUG. .	4 4 1	4 6 55		SEPT. .	30 7 55	29 18 48
	SEPT. .	2 16 45	2 21 37		○	{ 13 15 1	13 15 7
	OCT. .	{ 2 5 29	2 11 23		OCT. .	{ 23 9 23	23 4 33
	NOV. .	{ 31 18 13	{ 1 0 11		NOV. .	26 22 7	26 23 54
	○	{ 15 1 19	14 20 52		DEC. .	26 10 51	26 18 52
	DEC. .	{ 29 19 41	29 23 19	814. A.	JAN. .	24 23 36	25 11 56
811. E.	JAN. .	28 8 26	28 9 48	17 2 5	FEB. .	23 12 20	24 2 10
17 8 39	FEB. .	26 21 10	26 19 42		MAR. .	25 1 4	25 13 27
	MAR. .	28 9 54	28 5 27		○	{ 8 19 26	8 15 22
	APRIL	26 22 38	26 15 43		APRIL	{ 23 13 43	23 22 14
	MAY .	26 11 22	26 3 15		MAY .	23 2 32	23 5 24
	○	{ 10 5 44	10 13 11		JUNE .	21 15 16	21 12 2
	JUNE .	{ 25 0 6	24 16 31		JULY .	21 4 0	20 19 13
	JULY .	24 12 50	24 7 34		AUG. .	19 16 44	19 4 3
	AUG. .	23 1 34	22 23 51		SEPT. .	18 5 23	17 15 27
	SEPT. .	21 14 18	21 16 36		○	{ 2 23 50	3 5 8
	OCT. .	21 3 2	21 8 54		OCT. .	{ 17 18 12	17 5 54
	NOV. .	19 15 46	20 0 4		NOV. .	16 6 56	15 23 12
	DEC. .	19 4 30	19 13 42		DEC. .	15 19 40	15 18 21

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 815. G. March. d. h. m. 17 7 54		d. h. m.	d. h. m.	A.D. 818. C. March. d. h. m. 17 1 20		d. h. m.	d. h. m.
	JAN. .	14 8 25	14 13 51		JAN. .	{ 10 23 35	10 16 43
	FEB. .	12 21 9	13 7 57		○	{ 25 17 57	26 6 52
	MAR. .	14 9 53	14 23 27		FEB. .	9 12 19	9 6 11
	APRIL	12 22 37	13 11 53		MAR. .	11 1 3	10 20 42
	MAY .	12 11 21	12 21 32		APRIL	9 13 47	9 12 4
	JUNE .	11 0 5	11 5 16		MAY .	9 2 31	9 3 43
	JULY .	10 12 49	10 12 9		JUNE .	7 15 15	7 19 13
	AUG. .	9 1 33	8 19 20		JULY .	{ 7 3 59	7 9 43
	SEPT. .	7 14 17	7 3 47		○	{ 21 22 21	21 11 32
	OCT. .	7 3 1	6 14 19		AUG. .	5 16 43	5 22 54
	NOV. .	5 15 45	5 3 28		SEPT. .	4 5 27	4 10 53
	DEC. .	5 4 29	4 19 17		OCT. .	3 18 11	3 22 3
					NOV. .	2 6 55	2 8 53
816. F.E.	JAN. .	3 17 13	3 13 10	819. B.	DEC. .	{ 1 19 39	1 19 42
16 13 43	FEB. .	{ 2 5 57	2 7 55			{ 31 8 23	31 6 33
	○	{ 17 0 19	17 3 26		JAN. .	29 21 7	29 17 31
	MAR. .	2 18 41	3 2 7		FEB. .	28 9 51	28 4 48
	APRIL	{ 1 7 25	1 18 29	17 7 9	MAR. .	29 22 35	29 16 44
	MAY .	{ 30 20 9	{ 1 8 15		APRIL	28 11 19	28 5 43
	JUNE .	30 8 53	30 19 21		MAY .	28 0 3	27 19 53
	JULY .	28 21 37	29 4 23		JUNE .	26 12 47	26 11 3
	AUG. .	28 10 21	28 12 13		JULY .	26 1 31	26 2 37
	SEPT. .	26 23 5	26 20 3		AUG. .	24 14 15	24 17 56
	OCT. .	25 11 49	25 4 50		SEPT. .	23 2 59	23 8 30
	NOV. .	25 0 33	24 15 1		OCT. .	22 15 43	22 22 5
	DEC. .	23 13 17	23 3 5		NOV. .	21 4 27	21 10 40
		23 2 1	22 17 8		DEC. .	20 17 11	20 22 17
817. D.	JAN. .	21 14 46	21 8 53	820. A.G.	JAN. .	19 5 56	19 9 4
16 19 32	○	{ 5 9 8	5 19 15	16 12 53	FEB. .	17 18 40	17 19 2
	FEB. .	{ 20 3 30	20 1 55		MAR. .	18 7 24	18 4 33
	MAR. .	21 16 14	21 19 10		APRIL	16 20 8	16 14 12
	APRIL	20 4 58	20 11 40		MAY .	{ 16 8 52	16 0 47
	MAY .	19 17 42	20 2 33		○	{ 31 3 14	31 12 41
	JUNE .	18 6 26	18 15 24		JUNE .	14 21 36	14 13 0
	JULY .	17 19 10	18 2 21		JULY .	14 10 20	14 3 8
	○	{ 1 13 32	1 0 50		AUG. .	12 23 4	12 19 0
	AUG. .	{ 16 7 54	16 12 2		SEPT. .	11 11 48	11 11 50
	SEPT. .	14 20 38	14 21 14		OCT. .	11 0 32	11 4 44
	OCT. .	14 9 22	14 6 44		NOV. .	{ 9 13 16	9 20 49
	NOV. .	12 22 6	12 17 1		○	{ 24 7 33	23 20 42
	DEC. .	12 10 50	12 4 19		DEC. .	9 2 0	9 11 25

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 821. F. March. <i>d. h. m.</i> 16 18 47		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 824. C.B. March. <i>d. h. m.</i> 16 12 13		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	7 14 45	8 0 15		JAN. .	5 5 54	5 8 7
	FEB. .	6 3 29	6 11 14		FEB. .	3 18 38	4 8 1
	MAR. .	7 16 13	7 20 38		MAR. .	{ 4 7 22	4 19 50
	APRIL	6 4 57	6 4 56		O	{ 19 1 44	18 21 9
	MAY .	{ 5 17 41	5 12 54		APRIL	2 20 6	3 9 45
	O	{ 20 12 3	20 22 34		MAY .	{ 2 8 50	2 20 40
	JUNE .	4 6 25	3 21 31			{ 31 21 34	{ 1 5 14
	JULY .	3 19 9	3 7 47		JUNE .	30 10 18	{ 30 12 18
	AUG. .	{ 2 7 53	1 20 28		JULY .	29 23 2	29 19 28
		{ 31 20 37	31 11 48		AUG. .	28 11 46	28 3 18
	SEPT. .	30 9 21	30 5 15		O	{ 12 6 8	12 8 50
	OCT. .	29 22 5	29 23 45		SEPT. .	{ 27 0 30	26 12 50
	O	{ 13 16 27	13 8 52		OCT. .	26 13 14	26 0 48
	NOV. .	{ 28 10 49	28 17 57		NOV. .	25 1 58	24 15 14
	DEC. .	27 23 33	28 10 35		DEC. .	24 14 42	24 8 5
822. E. 17 0 36	JAN. .	26 12 17	27 0 43	825. A. 16 18 2	JAN. .	23 8 27	23 2 26
	FEB. .	25 1 1	25 12 26		FEB. .	21 16 11	21 20 53
	MAR. .	26 13 45	26 21 45		O	{ 8 10 33	8 12 10
	APRIL	25 2 29	25 5 28		MAR. .	{ 23 4 55	23 14 9
	MAY .	24 15 13	24 12 27		APRIL	21 17 39	22 5 12
	JUNE .	23 3 57	22 19 45		MAY .	21 6 23	21 17 37
	JULY .	22 16 41	22 4 33		JUNE .	19 19 7	20 3 39
	AUG. .	21 5 25	20 15 46		JULY .	19 7 51	19 12 8
	SEPT. .	19 13 9	19 6 0		AUG. .	17 20 35	17 20 5
	OCT. .	19 6 53	18 23 6		O	{ 1 14 57	1 9 14
	O	{ 3 1 15	3 0 36		SEPT. .	{ 16 9 19	16 4 27
	NOV. .	{ 17 19 37	17 18 7		OCT. .	15 22 3	15 14 0
	DEC. .	17 8 21	17 13 34		NOV. .	14 10 47	14 1 10
823. D. 17 6 25	JAN. .	15 21 6	16 7 46	826. G. 16 23 51	JAN. .	12 12 16	12 5 0
	FEB. .	14 9 50	14 23 27		FEB. .	11 1 0	10 21 15
	MAR. .	15 22 34	16 12 6		MAR. .	12 13 44	12 14 12
	APRIL	14 11 18	14 21 56		APRIL	11 2 28	11 6 58
	MAY .	14 0 2	14 5 43		MAY .	10 15 12	10 22 40
	JUNE .	12 12 46	12 12 26		JUNE .	9 3 56	9 12 36
	JULY .	12 1 30	11 19 14		JULY .	8 16 40	9 0 37
	AUG. .	10 14 14	10 3 10		AUG. .	7 5 24	7 11 2
	SEPT. .	{ 9 2 58	8 13 17		SEPT. .	5 13 8	5 20 37
	O	{ 23 21 20	24 3 0		OCT. .	5 6 52	5 6 9
	OCT. .	8 15 42	8 2 16		NOV. .	3 19 36	3 16 10
	NOV. .	7 4 26	6 18 15		DEC. .	3 8 20	3 8 0
	DEC. .	6 17 10	6 12 39				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 827. F.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 830. B.		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. O	{ 1 21 4 16 15 26 31 9 48	{ 1 14 46 17 3 28 31 3 28	March. d. h. m.	JAN. .	28 0 58	28 10 16
	FEB. .	...	...	16 23 6	FEB. .	26 13 42	26 20 17
March. d. h. m.	MAR. .	{ 1 22 32 31 11 16	{ 1 17 10 31 7 51		MAR. .	28 2 26	28 4 52
17 5 40	APRIL	30 0 0	29 23 14		APRIL	26 15 10	26 12 41
	MAY .	29 12 44	29 14 48		MAY .	26 3 54	25 20 41
	JUNE .	28 1 28	28 5 53		JUNE .	24 16 38	24 5 55
	O	{ 12 19 50 27 14 12	{ 12 11 7 27 19 55		JULY .	24 5 22	23 17 16
	JULY .	26 2 56	26 8 45		AUG. .	22 18 6	22 7 21
	AUG. .	24 15 40	24 20 34		SEPT. .	21 6 50	20 23 57
	SEPT. .	24 4 24	24 7 47		OCT. .	20 19 34	20 18 17
	OCT. .	22 17 8	22 18 43		O	{ 4 13 56 19 8 18	{ 4 7 47 19 12 59
	NOV. .	22 5 52	22 5 35		NOV. .	18 21 2	19 6 40
	DEC. .	{ 6 0 15 20 18 37	{ 6 5 44 20 16 28	831. A.	JAN. .	17 9 47	17 22 13
828. E.D.	JAN. .	19 7 21	19 3 16	17 4 55	FEB. .	15 22 31	16 11 5
16 11 29	FEB. .	19 20 5	19 14 31		MAR. .	17 11 15	17 21 22
	MAR. .	18 8 49	18 2 38		APRIL	{ 15 23 59 30 18 21	{ 16 5 39 30 20 47
	APRIL	17 21 33	17 16 0		O	15 12 43	15 12 44
	MAY .	16 10 17	16 6 37		MAY .	14 1 27	13 19 40
	JUNE .	{ 1 4 39 15 23 1	{ 1 4 0 15 22 6		JUNE .	13 14 11	13 3 34
	O	14 11 45	14 13 49		JULY .	12 2 55	11 13 29
	JULY .	13 0 29	13 5 5		AUG. .	10 15 39	10 2 14
	SEPT. .	12 13 13	12 19 28		SEPT. .	{ 10 4 23 24 22 45	{ 9 18 4 24 23 44
	OCT. .	11 1 57	11 8 48		OCT. .	8 17 7	8 12 23
	NOV. .	{ 10 14 41 25 9 3	{ 10 21 2 25 4 55		O	8 5 51	8 7 53
	DEC. .	9 3 26	9 8 14	832. G.F.	JAN. .	6 18 36	7 2 56
829. C.	JAN. .	7 16 10	7 13 27	16 10 44	FEB. .	5 7 20	5 19 58
16 17 18	FEB. .	9 4 54	9 3 55		MAR. .	5 20 4	6 10 4
	MAR. .	7 17 38	7 13 9		APRIL	{ 4 8 48 19 3 10	{ 4 21 10 13 22 20
	APRIL	7 6 22	6 22 56		O	3 21 32	4 5 47
	MAY .	{ 5 19 6 20 13 28	{ 5 10 5 20 20 28		JUNE .	2 10 16	2 12 51
	JUNE .	5 7 50	4 23 10		JULY .	{ 1 23 0 31 11 44	{ 1 19 30 31 2 47
	O	3 20 34	3 14 15		AUG. .	30 0 23	29 11 48
	JULY .	2 9 13	2 6 52		SEPT. .	28 13 12	27 23 22
	AUG. .	{ 1 22 2 31 10 46	{ 2 0 6 31 16 57		O	{ 13 7 34 28 1 56	{ 13 13 23 27 13 56
	SEPT. .	29 23 30	30 8 35		OCT. .	26 14 40	26 7 16
	OCT. .	29 12 14	29 22 25		NOV. .	26 3 24	26 2 20
	NOV. .				DEC. .		
	DEC. .						

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 833. E. March. d. h. m. 16 16 33		d. h. m.	d. h. m.	A.D. 836. B.A. March. d. h. m. 16 9 59		d. h. m.	d. h. m.
	JAN. .	24 16 8	24 21 38		JAN. .	22 7 18	22 1 15
	FEB. .	23 4 52	23 15 32		○	{ 6 1 40	6 15 2
	MAR. .	24 17 36	25 6 52		FEB. .	{ 20 20 2	20 14 11
	○	{ 8 11 58	8 6 12		MAR. .	21 8 46	21 4 5
	APRIL	{ 23 6 20	23 19 12		APRIL	19 21 30	19 18 55
	MAY .	22 19 4	23 4 50		MAY .	19 10 14	19 10 19
	JUNE .	21 7 48	21 12 39		JUNE .	17 22 58	18 1 42
	JULY .	20 20 32	20 19 43		JULY .	17 11 42	{ 17 16 25 31 19 1
	AUG. .	19 9 16	19 3 9		○	{ 1 6 4	
	SEPT. .	17 22 0	17 11 53		AUG. .	{ 16 0 26	16 6 6
	OCT. .	17 10 44	16 22 40		SEPT. .	14 13 10	14 18 41
	NOV. .	15 23 28	15 11 54		OCT. .	14 1 54	14 6 23
	DEC. .	15 12 12	15 3 34		NOV. .	12 14 38	12 17 41
					DEC. .	12 3 22	12 4 39
834. D. 16 22 22	JAN. .	14 0 57	13 21 9	837. G. 16 15 48	JAN. .	10 16 7	10 15 26
	FEB. .	{ 12 13 41	12 15 29		FEB. .	9 4 51	9 2 3
	○	{ 27 8 3	27 11 51		MAR. .	10 17 35	10 12 48
	MAR. .	14 2 25	14 9 20		APRIL	9 6 19	9 0 7
	APRIL	12 15 9	13 1 29		MAY .	8 19 3	8 12 35
	MAY .	12 3 53	12 15 12		JUNE .	7 7 47	7 2 26
	JUNE .	10 16 37	11 2 24		JULY .	6 20 31	6 17 32
	JULY .	10 5 21	10 11 41		AUG. .	5 9 15	5 9 21
	AUG. .	8 18 5	8 19 57		SEPT. .	3 21 59	4 1 9
	SEPT. .	7 6 49	7 4 13		OCT. .	3 10 48	3 16 20
	OCT. .	6 19 33	6 13 17		NOV. .	1 23 27	2 6 23
	NOV. .	5 8 17	4 23 42		DEC. .	{ 1 12 11	1 19 26
	DEC. .	4 21 1	4 11 43			{ 31 0 55	31 7 12
835. C. 17 4 11	JAN. .	3 9 46	3 1 37	838. F. 16 21 37	JAN. .	29 13 39	29 17 49
	FEB. .	{ 1 22 30	1 16 58		FEB. .	23 2 28	23 3 24
	○	{ 16 16 52	17 3 41		MAR. .	29 15 7	29 12 26
	MAR. .	3 11 14	3 9 23		APRIL	28 3 51	27 21 35
	APRIL	1 23 53	2 2 7		MAY .	27 16 35	27 7 45
	MAY .	{ 1 12 42	1 18 21		○	{ 11 10 57	11 19 52
	JUNE .	{ 31 1 26	31 9 12		JUNE .	{ 26 5 19	25 19 42
	JULY .	29 14 10	29 22 15		JULY .	25 18 3	25 9 48
	○	{ 12 21 16	12 8 0		AUG. .	24 6 47	24 1 52
	AUG. .	{ 27 15 38	27 19 47		SEPT. .	22 19 31	22 19 7
	SEPT. .	26 4 22	26 5 30		OCT. .	22 8 15	22 12 34
	OCT. .	25 17 6	25 15 24		NOV. .	20 20 59	21 5 3
	NOV. .	24 5 50	24 1 56		○	{ 5 15 21	5 5 15
	DEC. .	23 13 34	23 13 12		DEC. .	{ 20 9 43	20 20 2

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 839. E. March. d. h. m. 17 3 25	JAN. .	d. h. m.	d. h. m.	A.D. 842. A. March. d. h. m. 16 20 52	JAN. .	d. h. m.	d. h. m.
	FEB. .	18 22 28	19 8 56		FEB. .	15 13 38	15 15 59
	MAR. .	17 11 12	17 19 43		MAR. .	14 2 22	14 10 39
	APRIL	18 23 56	19 4 47		○	15 15 6	16 3 16
	MAY .	17 12 40	17 12 41		APRIL	30 9 28	30 4 55
	○	17 1 24	16 20 18		MAY .	14 3 50	14 17 3
	JUNE .	31 19 46	1 5 21		JUNE .	13 16 34	14 3 55
	JULY .	15 14 8	15 4 39		JULY .	12 5 18	12 12 33
	AUG. .	15 2 52	14 14 47		AUG. .	11 18 2	11 19 57
	SEPT. .	13 15 36	13 3 29		SEPT. .	10 6 46	10 3 13
	OCT. .	12 4 20	11 18 58		○	8 19 30	8 11 21
	NOV. .	11 17 4	11 12 45		OCT. .	23 13 52	23 16 16
	○	10 5 48	10 7 37		NOV. .	8 8 14	7 21 9
	DEC. .	25 0 10	24 17 43		DEC. .	6 20 58	6 9 12
		9 18 32	10 2 8			6 9 42	5 23 39
840. D.C. 16 9 14	JAN. .	8 7 17	8 18 56	843. G. 17 2 41	JAN. .	4 22 27	4 16 16
	FEB. .	6 20 1	7 9 8		FEB. .	3 11 11	3 10 10
	MAR. .	7 8 45	7 20 35		MAR. .	4 23 55	5 4 13
	APRIL	5 21 29	6 5 37		○	19 18 17	19 20 18
	MAY .	5 10 13	5 13 4		APRIL	3 12 39	3 21 11
	○	20 4 35	20 7 54		MAY .	3 1 23	3 12 7
	JUNE .	3 22 57	3 19 52		JUNE .	1 14 7	2 0 34
	JULY .	3 11 41	3 3 6		JULY .	1 2 51	1 10 50
	○	2 0 25	1 11 54		○	30 15 35	30 19 39
	AUG. .	81 13 9	30 23 13		AUG. .	29 4 19	29 4 1
	SEPT. .	30 1 53	29 13 37		○	12 22 41	12 16 23
	OCT. .	29 14 37	29 6 53		SEPT. .	27 17 3	27 12 47
	○	18 8 59	18 9 26		OCT. .	27 5 47	26 22 39
	NOV. .	28 3 21	23 2 4		NOV. .	25 13 31	25 9 56
	DEC. .	27 16 5	27 21 34		DEC. .	25 7 15	24 22 49
841. D. 16 15 3	JAN. .	26 4 49	26 15 44	844. F.E. 16 8 30	JAN. .	23 19 59	23 13 14
	FEB. .	24 17 33	25 7 19		FEB. .	22 8 43	22 4 54
	MAR. .	26 6 17	26 19 49		MAR. .	22 21 27	22 21 18
	APRIL	24 19 1	25 5 29		APRIL	21 10 11	21 13 42
	MAY .	24 7 45	24 13 9		MAY .	20 22 55	21 5 15
	JUNE .	22 20 29	22 19 52		JUNE .	19 11 39	19 19 18
	JULY .	22 9 13	22 2 46		JULY .	19 0 23	19 7 33
	AUG. .	20 21 57	20 10 53		AUG. .	17 13 7	17 18 33
	SEPT. .	19 10 41	18 21 11		SEPT. .	16 1 51	16 4 41
	OCT. .	19 23 25	18 10 18		OCT. .	15 14 35	15 14 40
	NOV. .	17 12 9	17 2 21		NOV. .	14 3 19	14 1 0
	DEC. .	17 0 53	16 20 40		DEC. .	13 16 3	13 11 56

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 845. D.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 848. A.G.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 16 14 18	JAN. .	{ 12 4 48	11 23 29	March. <i>d. h. m.</i> 16 7 45	JAN. .	9 19 58	10 7 4
	○	{ 26 23 10	27 11 37		FEB. .	8 8 42	8 18 50
	FEB. .	10 17 32	10 11 43		MAR. .	8 21 26	9 4 34
	MAR. .	12 6 16	12 0 50		APRIL	7 10 10	7 12 46
	APRIL	10 19 0	10 14 55		MAY .	6 22 54	6 20 14
	MAY .	10 7 44	10 5 53		JUNE .	5 11 38	5 3 57
	JUNE .	8 20 28	8 21 16		JULY .	5 0 22	4 13 0
	JULY .	{ 8 9 12	8 12 28		AUG. .	3 13 6	3 0 20
	○	{ 23 3 34	22 18 36		SEPT. .	2 1 50	1 14 30
	AUG. .	6 21 56	7 2 54		○	{ 1 14 34	1 7 21
	SEPT. .	5 10 40	5 16 18		○	{ 31 3 18	31 2 1
	OCT. .	4 23 24	5 4 43		○	{ 14 21 40	14 16 38
	NOV. .	3 12 8	3 16 27		NOV. .	{ 29 16 2	29 21 2
	DEC. .	3 0 52	3 3 40		DEC. .	29 4 46	29 14 56
846. C.				849. F.			
16 20 7	JAN. ○	{ 1 13 37	1 14 33	16 13 34	JAN. .	27 17 31	28 6 32
		{ 16 7 59	16 13 37		FEB. .	26 6 15	26 19 16
	FEB. .	31 2 21	31 1 6		MAR. .	27 18 59	28 5 19
	...	...	...		APRIL	26 7 43	26 13 20
	MAR. .	{ 1 15 5	1 11 28		○	{ 11 2 5	11 3 21
		{ 31 3 49	30 22 9		○	{ 25 20 27	25 20 14
	APRIL	29 16 33	29 9 43		JUNE .	24 9 11	24 3 4
	MAY .	29 5 17	28 22 39		JULY .	23 21 55	23 10 57
	JUNE .	27 18 1	27 13 6		AUG. .	22 10 39	21 20 58
	○	{ 12 12 23	12 11 32		SEPT. .	20 23 23	20 9 51
	JULY .	{ 27 6 45	27 4 42		OCT. .	20 12 7	20 1 50
	AUG. .	25 19 29	25 20 49		○	{ 4 6 29	4 8 29
	SEPT. .	24 8 13	24 12 40		○	{ 19 0 51	18 20 17
	OCT. .	23 20 57	24 3 39		DEC. .	18 13 35	18 15 51
	NOV. .	22 9 41	22 17 27				
	DEC. .	21 22 25	22 5 55				
847. B.				850. E.			
17 1 56	○	{ 5 16 47	5 12 55	16 19 23	JAN. .	17 2 19	17 10 53
	JAN. .	{ 20 11 9	20 17 2		FEB. .	15 15 3	16 3 50
	FEB. .	18 23 53	19 2 58		MAR. .	17 3 47	17 17 48
	MAR. .	20 12 37	20 11 58		APRIL	{ 15 16 31	16 4 44
	APRIL	19 1 21	18 20 43		○	{ 30 10 53	30 5 14
	MAY .	18 14 5	18 6 4		MAY .	15 5 15	15 13 14
	JUNE .	17 2 49	16 16 54		JUNE .	13 17 59	13 20 17
	○	{ 1 21 11	2 3 46		JULY .	13 6 43	13 3 0
	JULY .	{ 16 15 33	16 5 50		AUG. .	11 19 27	11 10 28
	AUG. .	15 4 17	14 21 2		SEPT. .	10 8 11	9 19 40
	SEPT. .	13 17 1	13 14 0		OCT. .	{ 9 20 55	9 7 26
	OCT. .	13 5 45	13 7 44		○	{ 24 15 17	24 21 42
	NOV. .	11 18 29	12 1 5		NOV. .	8 9 39	7 22 5
	DEC. .	11 7 13	11 17 5		DEC. .	7 22 23	7 15 21

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 851. D. March. d. h. m. 17 1 11		d. h. m.	d. h. m.	A.D. 854. G. March. d. h. m. 16 18 38		d. h. m.	d. h. m.
	JAN. .	6 11 8	6 10 16		JAN. .	3 2 18	2 22 4
	FEB. .	4 23 52	5 5 19		FEB. .	{ 1 15 2	1 9 44
	MAR. .	6 12 36	6 22 59		O	{ 16 9 24	16 23 5
	APRIL	{ 5 1 20	5 14 9		MAR. .	3 3 46	2 22 6
	O	{ 19 19 42	19 13 39		APRIL	1 16 30	1 11 23
	MAY .	4 14 4	5 2 24		MAY .	{ 1 5 14	1 1 40
	JUNE .	3 2 43	3 12 4			{ 30 17 58	30 16 46
	JULY .	2 15 32	2 20 2		JUNE .	29 6 42	29 8 10
	AUG. .	{ 1 4 16	1 3 22		JULY .	28 19 26	28 23 12
		{ 30 17 0	30 11 7		O	{ 12 13 48	12 2 36
	SEPT. .	29 5 44	28 20 9		AUG. .	{ 27 8 10	27 13 24
	OCT. .	28 18 23	28 7 8		SEPT. .	25 20 54	26 2 36
	NOV. .	27 7 12	26 20 24		OCT. .	25 9 33	25 14 55
	DEC. .	26 19 56	26 11 52		NOV. .	23 22 22	24 2 32
					DEC. .	23 11 6	23 13 38
852. C.B.	JAN. .	25 8 41	25 5 3	855. F.	JAN. .	21 23 50	22 0 14
	FEB. .	23 21 25	23 22 58		FEB. .	20 12 34	20 10 27
	O	{ 9 15 47	9 20 7		MAR. .	22 1 18	21 20 38
16 7 0	MAR. .	{ 24 10 9	24 16 26	17 0 27	APRIL	20 14 2	20 7 24
	APRIL	22 22 53	23 8 21		MAY .	20 2 46	19 19 23
	MAY .	22 11 37	22 22 3		JUNE .	18 15 30	18 8 58
	JUNE .	21 0 21	21 9 26		JULY .	18 4 14	18 0 3
	JULY .	20 13 5	20 19 3		AUG. .	16 16 58	16 16 10
	AUG. .	19 1 49	19 3 44		SEPT. .	15 5 42	15 8 29
	SEPT. .	17 14 33	17 12 25		OCT. .	14 18 26	15 0 15
	OCT. .	17 3 17	16 21 52		NOV. .	13 7 10	13 14 56
	NOV. .	15 16 1	15 8 30		DEC. .	12 19 54	13 4 14
	DEC. .	15 4 45	14 20 34				
853. A.	JAN. .	18 17 29	13 10 3	856. E.D.	JAN. .	11 8 39	11 16 4
	FEB. .	{ 12 6 13	12 0 52		FEB. .	9 21 23	10 2 26
	O	{ 27 0 35	27 11 57	16 6 16	MAR. .	10 10 7	10 11 39
16 12 49	MAR. .	18 18 57	13 16 42		APRIL	8 22 51	8 20 12
	APRIL	12 7 41	12 8 59		MAY .	8 11 35	8 4 55
	MAY .	11 20 25	12 0 55		JUNE .	{ 7 0 19	6 14 44
	JUNE .	10 9 9	10 15 47		O	{ 21 18 41	22 3 3
	JULY .	9 21 53	10 5 7		JULY .	6 13 3	6 2 23
	AUG. .	{ 8 10 37	8 16 55		AUG. .	5 1 47	4 16 35
	O	{ 23 4 59	22 15 18		SEPT. .	3 14 31	3 8 53
	SEPT. .	6 23 21	7 3 37		OCT. .	3 3 15	3 2 34
	OCT. .	6 12 5	6 13 51		NOV. .	1 15 59	1 20 30
	NOV. .	5 0 49	5 0 11			{ 1 4 43	1 13 30
	DEC. .	4 13 33	4 10 53		DEC. O	{ 15 23 5	15 13 52
						{ 30 17 27	31 4 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 857. c. March. d. h. m. 16 12 4		d. h. m.	d. h. m.	A.D. 860. G.P. March. d. h. m. 16 5 31		d. h. m.	d. h. m.
	JAN. .	29 6 12	29 17 36		JAN. .	26 21 22	26 23 46
	FEB. .	27 18 56	28 4 4		FEB. .	25 10 6	25 18 8
	MAR. .	29 7 40	29 12 48		MAR. .	25 22 50	26 10 33
	APRIL	27 20 24	27 20 21		○	{ 9 17 12	9 12 36
	MAY .	27 9 8	27 3 41		APRIL	{ 24 11 34	25 0 12
	○	{ 11 3 30	11 12 5		MAY .	24 0 18	24 11 5
	JUNE .	{ 25 21 52	25 11 51		JUNE .	22 13 2	22 19 51
	JULY .	25 10 36	24 21 54		JULY .	22 1 46	22 3 30
	AUG. .	23 23 20	23 10 40		AUG. .	20 14 30	20 11 3
	SEPT. .	22 12 4	22 2 20		SEPT. .	19 3 14	18 19 32
	OCT. .	22 0 43	21 20 22		○	{ 3 21 36	3 23 49
	NOV. .	20 13 32	20 15 33		OCT. .	{ 18 15 58	18 5 38
	○	{ 5 7 54	5 2 39		NOV. .	17 4 42	16 17 47
	DEC. .	{ 20 2 16	20 10 18		DEC. .	16 17 26	16 8 6
858. B. 16 17 53	JAN. .	18 15 0	19 3 11	861. E. 16 11 20	JAN. .	15 6 10	15 0 21
	FEB. .	17 3 44	17 17 19		FEB. .	13 18 54	13 17 47
	MAR. .	18 16 28	19 4 33		MAR. .	{ 15 7 38	15 11 23
	APRIL	17 5 12	17 13 22		○	{ 30 2 0	30 4 18
	MAY .	{ 16 17 56	16 20 37		APRIL	13 20 22	14 4 3
	○	{ 31 12 13	31 14 20		MAY .	13 9 6	13 18 52
	JUNE .	15 6 40	15 3 17		JUNE .	11 21 50	12 7 27
	JULY .	14 19 24	14 10 31		JULY .	11 10 34	11 18 0
	AUG. .	13 8 8	12 19 23		AUG. .	9 23 18	10 3 15
	SEPT. .	11 20 52	11 6 50		SEPT. .	{ 8 12 2	8 12 2
	OCT. .	11 9 36	10 21 22		○	{ 23 6 24	22 23 38
	NOV. .	{ 9 22 20	9 14 45		OCT. .	8 0 46	7 21 15
	○	{ 24 16 42	24 18 28		NOV. .	6 13 30	6 7 24
	DEC. .	9 11 4	9 10 0		DEC. .	6 2 14	5 18 46
859. A. 16 23 42	JAN. .	7 23 49	8 5 31	862. D. 16 17 9	JAN. .	4 14 59	4 7 26
	FEB. .	6 12 33	6 23 37		FEB. .	3 3 43	2 21 23
	MAR. .	8 1 17	8 15 4		MAR. .	4 16 27	4 12 28
	APRIL	6 14 1	7 3 24		APRIL	3 5 11	3 4 19
	MAY .	6 2 45	6 12 57		MAY .	2 17 55	2 20 20
	JUNE .	4 15 29	4 20 35		JUNE .	{ 1 6 39	1 11 47
	JULY .	4 4 13	4 3 22			{ 30 19 23	{ 1 2 0
	AUG. .	2 16 57	{ 2 10 24		JULY .	30 8 7	{ 30 14 45
		{ 1 5 41	{ 31 18 45		AUG. .	23 20 51	29 2 12
	SEPT. .	{ 30 18 25	30 5 16		SEPT. .	27 9 35	27 12 52
	OCT. .	30 7 9	29 18 31		OCT. .	26 22 19	26 23 20
	NOV. .	28 19 53	28 10 33		NOV. .	25 11 8	25 9 57
	DEC. .	28 8 37	28 4 41		DEC. .	24 23 47	24 20 53

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 863. c. March. d. h. m.		d. h. m.	d. h. m.	A.D. 866. f. March. d. h. m.		d. h. m.	d. h. m.
16 22 57	JAN. .	23 12 32	23 8 9	16 16 24	JAN. .	20 3 41	20 15 37
	○	{ 7 6 54	7 19 38		FEB. .	18 16 25	19 3 13
	FEB. .	{ 22 1 16	21 19 52		MAR. .	20 5 9	20 12 39
	MAR. .	23 14 0	23 8 22		APRIL	18 17 53	18 20 32
	APRIL	22 2 44	21 21 52		MAY .	18 6 37	18 3 42
	MAY .	21 15 28	21 12 26		JUNE .	16 19 21	16 11 13
	JUNE .	20 4 12	20 3 42		JULY .	16 8 5	15 20 9
	JULY .	19 16 56	19 19 4		AUG. .	14 20 49	14 7 31
	○	{ 3 11 18	3 2 12		SEPT. .	13 9 33	12 21 49
	AUG. .	{ 18 5 40	18 9 59		OCT. .	12 22 17	12 14 53
	SEPT. .	16 18 24	16 23 59		NOV. .	{ 11 11 1	11 9 49
	OCT. .	16 7 8	16 13 0		○	{ 26 5 23	26 1 31
	NOV. .	14 19 52	15 1 10		DEC. .	10 23 45	11 5 5
	DEC. .	14 8 36	14 12 38				
864. B.A.	JAN. .	{ 12 21 20	12 23 26	867. E.	JAN. .	9 12 30	9 23 8
16 4 46	○	{ 27 15 42	27 21 24	16 22 13	FEB. .	8 1 14	8 14 41
	FEB. .	11 10 4	11 9 38		MAR. .	9 13 58	10 3 16
	MAR. .	11 22 43	11 19 32		APRIL	8 2 42	8 13 6
	APRIL	10 11 32	10 5 39		MAY .	{ 7 15 26	7 20 55
	MAY .	10 0 16	9 16 43		○	{ 22 9 48	22 9 51
	JUNE .	8 13 0	8 5 18		JUNE .	6 4 10	6 3 41
	JULY .	{ 8 1 44	7 19 36		JULY .	5 16 54	5 10 30
	○	{ 22 20 6	22 19 5		AUG. .	4 5 38	3 18 26
	AUG. .	6 14 28	6 11 24		SEPT. .	2 18 22	2 4 34
	SEPT. .	5 3 12	5 3 56		OCT. .	{ 2 7 6	1 17 37
	OCT. .	4 15 56	4 20 20		○	{ 31 19 50	31 9 44
	NOV. .	3 4 40	3 11 53		NOV. .	{ 15 14 12	15 17 18
	DEC. .	2 17 24	3 2 7		○	{ 30 8 34	30 4 14
					DEC. .	29 21 18	29 23 48
865. G.	JAN. ○	{ 1 6 9	1 14 45	868. D.C.	JAN. .	23 10 3	23 18 46
16 10 35		{ 16 0 31	15 20 54	16 4 2	FEB. .	26 22 47	27 11 33
	FEB. .	30 18 53	31 1 45		MAR. .	27 11 31	28 1 22
	...	...	...		APRIL	26 0 15	26 12 11
	MAR. .	{ 1 7 37	1 11 20		○	{ 10 18 37	10 12 5
	APRIL	{ 30 20 21	30 19 55		MAY .	{ 25 12 59	25 20 38
	MAY .	29 9 5	29 4 15		JUNE .	24 1 43	24 3 44
	JUNE .	28 21 49	28 13 12		JULY .	23 14 27	23 10 35
	○	{ 12 4 55	12 11 5		AUG. .	22 3 11	21 13 16
	JULY .	{ 26 23 17	26 12 39		SEPT. .	20 15 55	20 3 44
	AUG. .	25 12 1	25 4 0		OCT. .	20 4 39	19 15 40
	SEPT. .	24 0 45	23 21 17		○	{ 3 23 1	4 6 8
	OCT. .	23 13 29	23 15 27		NOV. .	{ 18 17 23	18 6 21
	NOV. .	22 2 13	22 9 16		DEC. .	18 6 7	17 23 30
	DEC. .	21 14 57	22 1 34				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 857. C. March. d. h. m. 16 12 4		d. h. m.	d. h. m.	A.D. 860. G.F. March. d. h. m. 16 5 31		d. h. m.	d. h. m.
	JAN. .	29 6 12	29 17 36		JAN. .	26 21 22	26 23 46
	FEB. .	27 18 56	28 4 4		FEB. .	25 10 6	25 18 8
	MAR. .	29 7 40	29 12 48		MAR. .	25 22 50	26 10 33
	APRIL	27 20 24	27 20 21		○	{ 9 17 12	9 12 36
	MAY .	27 9 8	27 3 41		APRIL	{ 24 11 34	25 0 12
	○	{ 11 3 30	11 12 5		MAY .	24 0 18	24 11 5
	JUNE .	{ 25 21 52	25 11 51		JUNE .	22 13 2	22 19 51
	JULY .	25 10 36	24 21 54		JULY .	22 1 46	22 3 30
	AUG. .	23 23 20	23 10 40		AUG. .	20 14 30	20 11 3
	SEPT. .	22 12 4	22 2 20		SEPT. .	19 3 14	18 19 32
	OCT. .	22 0 43	21 20 22		○	{ 3 21 36	3 23 49
	NOV. .	20 13 32	20 15 33		OCT. .	{ 18 15 58	18 5 33
	○	{ 5 7 54	5 2 39		NOV. .	17 4 42	16 17 47
	DEC. .	20 2 16	20 10 18		DEC. .	16 17 26	16 8 6
858. B. 16 17 53	JAN. .	18 15 0	19 3 11	861. E. 16 11 20	JAN. .	15 6 10	15 0 21
	FEB. .	17 3 44	17 17 19		FEB. .	13 18 54	13 17 47
	MAR. .	18 16 28	19 4 33		MAR. .	{ 15 7 38	15 11 23
	APRIL	17 5 12	17 13 22		○	{ 30 2 0	30 4 18
	MAY .	{ 16 17 56	16 20 37		APRIL	13 20 22	14 4 8
	○	{ 31 12 18	31 14 20		MAY .	13 9 6	13 13 52
	JUNE .	15 6 40	15 3 17		JUNE .	11 21 50	12 7 27
	JULY .	14 19 24	14 10 31		JULY .	11 10 34	11 18 0
	AUG. .	13 8 8	12 19 23		AUG. .	9 23 18	10 3 15
	SEPT. .	11 20 52	11 6 50		SEPT. .	{ 8 12 2	8 12 2
	OCT. .	11 9 36	10 21 22		○	{ 23 6 24	22 23 33
	NOV. .	{ 9 22 20	9 14 45		OCT. .	8 0 46	7 21 15
	○	{ 24 16 42	24 18 23		NOV. .	6 13 30	6 7 24
	DEC. .	9 11 4	9 10 0		DEC. .	6 2 14	5 13 46
859. A. 16 23 42	JAN. .	7 23 49	8 5 31	862. D. 16 17 9	JAN. .	4 14 59	4 7 26
	FEB. .	6 12 33	6 23 37		FEB. .	3 3 43	2 21 23
	MAR. .	8 1 17	8 15 4		MAR. .	4 16 27	4 12 23
	APRIL	6 14 1	7 3 24		APRIL	3 5 11	3 4 19
	MAY .	6 2 45	6 12 57		MAY .	2 17 55	2 20 20
	JUNE .	4 15 29	4 20 35		JUNE .	{ 1 6 39	1 11 47
	JULY .	4 4 13	4 3 22		○	{ 30 19 23	30 14 45
	AUG. .	2 16 57	{ 2 10 24		JULY .	30 8 7	{ 30 14 45
	SEPT. .	{ 1 5 41	{ 31 18 45		AUG. .	28 20 51	29 2 12
	○	{ 30 18 25	30 5 16		SEPT. .	27 9 35	27 12 52
	OCT. .	30 7 9	29 18 31		OCT. .	26 22 19	26 23 20
	NOV. .	28 19 53	28 10 33		NOV. .	25 11 3	25 9 57
	DEC. .	23 8 37	23 4 41		DEC. .	24 23 47	24 20 53

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 863. C. March. d. h. m.		d. h. m.	d. h. m.	A.D. 866. F. March. d. h. m.		d. h. m.	d. h. m.
16 22 57	JAN. .	23 12 32	23 8 9	16 16 24	JAN. .	20 3 41	20 15 37
	○	{ 7 6 54	7 19 38		FEB. .	18 16 25	19 3 13
	FEB. .	{ 22 1 16	21 19 52		MAR. .	20 5 9	20 12 39
	MAR. .	23 14 0	23 8 22		APRIL	18 17 53	18 20 32
	APRIL	22 2 44	21 21 52		MAY .	18 6 37	18 3 42
	MAY .	21 15 28	21 12 26		JUNE .	16 19 21	16 11 13
	JUNE .	20 4 12	20 3 42		JULY .	16 8 5	15 20 9
	JULY .	19 16 56	19 19 4		AUG. .	14 20 49	14 7 31
	○	{ 8 11 18	8 2 12		SEPT. .	13 9 33	12 21 49
	AUG. .	{ 18 5 40	18 9 59		OCT. .	12 22 17	12 14 53
	SEPT. .	16 18 24	16 23 59		NOV. .	{ 11 11 1	11 9 49
	OCT. .	16 7 8	16 13 0		○	{ 26 5 23	26 1 31
	NOV. .	14 19 52	15 1 10		DEC. .	10 23 45	11 5 5
	DEC. .	14 8 36	14 12 38				
864. B.A.	JAN. .	{ 12 21 20	12 23 26	867. E.	JAN. .	9 12 30	9 23 8
16 4 46	○	{ 27 15 42	27 21 24	16 22 13	FEB. .	8 1 14	8 14 41
	FEB. .	11 10 4	11 9 38		MAR. .	9 13 58	10 3 16
	MAR. .	11 22 48	11 19 32		APRIL	8 2 42	8 13 6
	APRIL	10 11 32	10 5 39		MAY .	{ 7 15 26	7 20 55
	MAY .	10 0 16	9 16 43		○	{ 22 9 48	22 9 51
	JUNE .	8 13 0	8 5 18		JUNE .	6 4 10	6 3 41
	JULY .	{ 8 1 44	7 19 36		JULY .	5 16 54	5 10 30
	○	{ 22 20 6	22 19 5		AUG. .	4 5 38	3 13 26
	AUG. .	6 14 28	6 11 24		SEPT. .	2 18 22	2 4 34
	SEPT. .	5 3 12	5 3 56		OCT. .	{ 2 7 6	1 17 37
	OCT. .	4 15 56	4 20 20		○	{ 15 14 12	15 17 18
	NOV. .	3 4 40	3 11 53		NOV. .	{ 30 8 34	30 4 14
	DEC. .	2 17 24	3 2 7		DEC. .	29 21 18	29 23 48
865. G.	JAN. ○	{ 1 6 9	1 14 45	868. D.C.	JAN. .	28 10 3	23 18 46
16 10 35		{ 16 0 31	15 20 54	16 4 2	FEB. .	26 22 47	27 11 33
	FEB. .	... ..	31 1 45		MAR. .	27 11 31	28 1 22
	MAR. .	{ 1 7 37	1 11 20		APRIL	26 0 15	26 12 11
	APRIL	{ 30 20 21	30 19 55		○	{ 10 13 37	10 12 5
	MAY .	29 9 5	29 4 15		MAY .	{ 25 12 59	25 20 33
	JUNE .	28 21 49	23 13 12		JUNE .	24 1 43	24 3 44
	JULY .	27 10 33	26 23 45		JULY .	23 14 27	23 10 35
	○	{ 12 4 55	12 11 5		AUG. .	22 3 11	21 18 16
	JULY .	{ 26 23 17	26 12 39		SEPT. .	20 15 55	20 3 44
	AUG. .	25 12 1	25 4 0		OCT. .	20 4 39	19 15 40
	SEPT. .	24 0 45	23 21 17		○	{ 3 23 1	4 6 8
	OCT. .	23 13 29	23 15 27		NOV. .	{ 18 17 23	18 6 21
	NOV. .	22 2 13	22 9 16		DEC. .	18 6 7	17 23 30
	DEC. .	21 14 57	22 1 34				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 869.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 872.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				F.E.			
March.	JAN. .	16 18 51	16 18 8		JAN. .	14 10 1	14 6 51
<i>d. h. m.</i>	FEB. .	15 7 35	15 12 52		FEB. .	{ 12 22 45	12 18 6
16 9 50	MAR. .	16 20 19	17 6 15	March.	O	{ 27 17 7	28 6 56
	APRIL	{ 15 9 3	15 21 16	<i>d. h. m.</i>	MAR. .	18 11 29	18 5 53
	O	{ 80 3 25	29 21 2	16 3 17	APRIL	12 0 13	11 18 33
	MAY .	14 21 47	15 9 29		MAY .	11 12 57	11 8 21
	JUNE .	13 10 31	13 19 16		JUNE .	10 1 41	9 23 12
	JULY .	12 23 15	13 3 26		JULY .	9 14 25	9 14 40
	AUG. .	11 11 59	11 11 5		AUG. .	{ 8 3 9	8 6 8
	SEPT. .	10 0 43	9 19 12		O	{ 22 21 31	22 10 20
	OCT. .	9 13 27	9 4 33		SEPT. .	6 15 53	6 20 48
	NOV. .	8 2 11	7 15 44		OCT. .	6 4 37	6 10 37
	DEC. .	7 14 55	7 4 57		NOV. .	4 17 21	4 23 28
					DEC. .	4 6 5	4 11 26
870.	JAN. .	6 3 40	5 20 10				
A.	FEB. .	4 16 24	4 12 53	873.	JAN. .	2 18 50	2 22 34
16 15 39	MAR. .	{ 6 5 8	6 6 17	D.	FEB. .	1 7 34	1 8 56
	O	{ 20 23 30	21 4 14	16 9 6	MAR. .	2 20 18	2 18 44
	APRIL	4 17 52	4 23 21		APRIL	{ 1 9 2	1 4 23
	MAY .	4 6 36	4 15 5			{ 80 21 46	80 14 33
	JUNE .	2 19 20	3 4 49		MAY .	30 10 30	30 2 11
	JULY .	{ 2 8 4	2 16 28		JUNE .	28 23 14	28 15 33
		{ 31 20 48	{ 1 2 27		JULY .	28 11 53	28 6 41
	AUG. .	30 9 32	{ 30 11 36		AUG. .	27 0 42	26 23 6
	SEPT. .	28 22 16	28 20 45		SEPT. .	25 13 26	25 15 56
	OCT. .	28 11 0	23 6 33		OCT. .	25 2 10	25 8 17
	NOV. .	26 23 44	26 17 21		NOV. .	23 14 54	23 23 27
	DEC. .	26 12 28	26 5 18		DEC. .	23 8 33	23 18 1
871.	JAN. .	25 1 13	24 18 27	874.	JAN. .	21 16 23	22 0 49
G.	FEB. .	23 13 57	23 8 42	C.	FEB. .	20 5 7	20 10 53
16 21 23	O	{ 10 8 19	10 20 6	16 14 55	MAR. .	21 17 51	21 19 45
	MAR. .	{ 25 2 41	24 23 56		APRIL	20 6 35	20 3 54
	APRIL	23 15 25	23 15 43		MAY .	19 19 19	19 12 13
	MAY .	23 4 9	23 7 26		JUNE .	18 8 8	17 21 43
	JUNE .	21 16 53	21 22 21		O	{ 3 2 25	3 10 14
	JULY .	21 5 37	21 12 1		JULY .	{ 17 20 47	17 9 20
	AUG. .	19 18 21	20 0 19		AUG. .	16 9 31	15 23 30
	O	{ 3 12 43	2 22 46		SEPT. .	14 22 15	14 16 2
	SEPT. .	{ 18 7 5	18 11 36		OCT. .	14 10 59	14 10 3
	OCT. .	17 19 49	17 22 22		NOV. .	12 23 43	13 4 30
	NOV. .	16 8 33	16 9 3		DEC. .	{ 12 12 27	12 21 51
	DEC. .	15 21 17	15 19 52		O	{ 27 6 49	26 22 29

JERUSALEM CIVIL TIME.

Mean Verbal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Verbal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 875.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 878.		<i>d. h. m.</i>	<i>d. h. m.</i>
R.				E.			
March.	JAN. .	11 1 11	11 13 9	March.	JAN. .	7 16 21	7 12 43
<i>d. h. m.</i>	FEB. .	9 13 55	10 1 55	<i>d. h. m.</i>	FEB. .	6 5 5	6 7 24
16 20 43	MAR. .	11 2 39	11 12 16	16 14 10	MAR. .	7 17 49	8 1 28
	APRIL .	9 15 23	9 20 40		APRIL .	6 6 33	6 17 38
	MAY .	9 4 7	9 8 56		○	21 0 55	20 20 9
	JUNE .	7 16 51	7 11 2		MAY .	5 19 17	6 7 13
	○	22 11 13	22 18 47		JUNE .	4 8 1	4 18 11
	JULY .	7 5 35	6 19 4		JULY .	3 20 45	4 3 8
	AUG. .	5 18 19	5 5 6		○	2 9 29	2 11 6
	SEPT. .	4 7 3	3 17 57		AUG. .	31 22 13	31 19 3
	OCT. .	3 19 47	3 9 49		SEPT. .	30 10 57	30 8 53
	NOV. .	2 8 31	2 4 6		○	15 5 19	15 7 26
	○	1 21 15	1 23 31		OCT. .	29 23 41	29 14 13
	DEC. .	16 15 37	16 11 33		NOV. .	28 12 25	28 2 26
	○	31 9 59	31 18 25		DEC. .	28 1 9	27 16 34
876.	JAN. .	29 22 44	30 11 19	879.	JAN. .	26 13 53	26 8 23
A.D.	FEB. .	28 11 28	29 1 21	D.	FEB. .	25 2 37	25 1 17
16 2 32	MAR. .	29 0 12	29 12 24	16 19 59	MAR. .	26 15 22	26 18 26
	APRIL .	27 12 56	27 21 1		○	10 9 44	10 12 11
	MAY .	27 1 40	27 4 6		APRIL .	25 4 6	25 10 48
	○	10 20 2	10 20 47		MAY .	24 16 50	25 1 14
	JUNE .	25 14 24	25 10 43		JUNE .	23 5 34	23 14 19
	JULY .	25 3 8	24 18 0		JULY .	22 18 18	23 1 14
	AUG. .	23 15 52	23 8 0		AUG. .	21 7 2	21 10 56
	SEPT. .	22 4 36	21 14 37		SEPT. .	19 19 46	19 20 14
	OCT. .	21 17 20	21 5 17		○	4 14 8	4 7 4
	NOV. .	20 6 4	19 22 45		OCT. .	19 8 30	19 5 52
	○	5 0 23	5 3 18		NOV. .	17 21 14	17 16 16
	DEC. .	19 18 48	19 18 0		DEC. .	17 9 58	17 3 37
877.	JAN. .	18 7 33	18 18 24	880.	JAN. .	15 22 42	15 16 0
F.	FEB. .	16 20 17	17 7 20	G.H.	FEB. .	14 11 26	14 5 26
16 4 21	MAR. .	18 9 1	18 22 37	16 1 48	MAR. .	15 0 10	14 19 54
	APRIL .	16 21 45	17 10 50		○	20 18 32	30 4 46
	MAY .	16 10 20	16 20 19		APRIL .	18 12 54	13 11 12
	JUNE .	14 23 13	15 3 58		MAY .	18 1 38	13 2 52
	JULY .	14 11 57	14 10 53		JUNE .	11 14 22	11 18 15
	AUG. .	13 0 41	12 18 9		JULY .	11 3 6	11 8 42
	SEPT. .	11 13 25	11 2 46		AUG. .	9 15 50	9 21 55
	OCT. .	11 2 9	10 13 30		SEPT. .	8 4 34	8 9 56
	NOV. .	9 14 53	9 2 51		○	22 22 56	22 9 28
	DEC. .	9 3 37	8 18 48		OCT. .	7 17 18	7 21 10
					NOV. .	6 6 2	6 8 5
					DEC. .	5 18 46	5 18 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 881. A.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 884. E.D.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 16 7 36	JAN. .	4 7 31	4 5 46		JAN. .	{ 1 22 41 31 11 25	2 10 0 ...
	FEB. .	{ 2 20 15 17 14 37	2 16 42 18 3 30	March. <i>d. h. m.</i> 16 1 3	FEB. .	...	1 0 4
	MAR. .	4 8 59	4 3 55		MAR. .	{ 1 0 9 30 12 53	1 11 30 30 20 39
	APRIL	2 21 43	2 15 47		APRIL	29 1 37	29 4 14
	MAY .	{ 2 10 27 31 23 11	2 4 44 31 18 56		MAY .	28 14 21	28 11 8
	JUNE .	30 11 55	30 10 8		JUNE .	27 3 5	26 18 31
	JULY .	30 0 39	30 1 46		JULY .	26 15 49	26 3 26
	○	{ 13 19 1	13 9 53		AUG. .	25 4 33	24 14 50
	AUG. .	{ 28 13 23	28 17 8		SEPT. .	23 17 17	23 5 17
	SEPT. .	27 2 7	27 7 44		OCT. .	23 6 1	22 22 35
	OCT. .	26 14 51	26 21 21		NOV. .	21 18 45	21 17 44
	NOV. .	25 3 35	25 9 56		○	{ 6 13 7	6 10 30
	DEC. .	24 16 19	24 21 33		DEC. .	{ 21 7 29	21 13 9
882. G.	JAN. .	23 5 4	23 8 14	885. C.	JAN. .	19 20 14	20 7 13
	○	{ 6 23 26	7 5 4		FEB. .	18 8 58	18 22 42
16 13 25	FEB. .	{ 21 17 48	21 18 6	16 6 52	MAR. .	19 21 42	20 11 8
	MAR. .	23 6 32	23 3 30		APRIL	18 10 26	18 20 46
	APRIL	21 19 16	21 13 6		MAY .	17 23 10	18 4 25
	MAY .	21 8 0	20 23 41		JUNE .	{ 1 17 32 16 11 54	1 16 19 16 11 7
	JUNE .	19 20 44	19 11 58		○	16 0 33	15 17 58
	JULY .	19 9 28	19 2 14		AUG. .	14 13 22	14 2 3
	○	{ 3 3 50	3 2 46		SEPT. .	13 2 6	12 12 22
	AUG. .	{ 17 22 12	17 18 12		OCT. .	12 14 50	12 1 34
	SEPT. .	16 10 56	16 11 10		NOV. .	{ 11 3 34 25 21 56	10 17 45 26 2 9
	OCT. .	15 23 40	16 4 8		○	25 21 56	26 2 9
	NOV. .	14 12 24	14 20 13		DEC. .	10 16 18	10 12 16
	DEC. .	14 1 8	14 10 47				
883. F.	JAN. .	{ 12 13 52	12 23 29	886. B.	JAN. .	9 5 2	9 7 43
	○	{ 27 8 14	27 4 47		FEB. .	7 17 46	8 2 28
16 19 14	FEB. .	11 2 36	11 10 20	16 12 41	MAR. .	9 6 30	9 19 6
	MAR. .	12 15 20	12 19 35		APRIL	7 19 14	8 8 47
	APRIL	11 4 4	11 3 45		MAY .	{ 7 7 58 22 2 20	7 19 30 21 18 53
	MAY .	10 16 48	10 11 40		○	22 2 20	21 18 53
	JUNE .	9 5 32	8 20 18		JUNE .	5 20 42	6 3 58
	JULY .	{ 8 18 16	8 6 41		JULY .	5 9 26	5 11 10
	○	{ 23 12 38	23 18 27		AUG. .	3 22 10	3 18 17
	AUG. .	7 7 0	6 19 32		SEPT. .	2 10 54	2 2 13
	SEPT. .	5 19 44	5 11 4		OCT. .	{ 1 23 38 31 12 22	1 11 57 31 0 1
	OCT. .	5 8 28	5 4 40		○	{ 15 6 44	15 14 37
	NOV. .	3 21 12	3 23 16		NOV. .	{ 30 1 6	29 14 42
	DEC. .	3 9 56	3 17 23		DEC. .	29 13 50	29 7 38

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 887. A. March. d. h. m. 16 18 29		d. h. m.	d. h. m.	A.D. 890. D. March. d. h. m. 16 11 56		d. h. m.	d. h. m.
	JAN. .	28 2 35	28 1 56		JAN. .	24 17 45	24 15 35
	FEB. .	25 15 19	25 20 17		FEB. .	23 6 29	23 2 22
	MAR. .	28 4 3	28 13 23		○	10 0 51	10 14 39
	APRIL .	26 16 47	27 4 14		MAR. .	24 19 13	24 18 34
	○	11 11 9	11 4 20		APRIL .	23 7 57	23 1 39
	MAY .	26 5 31	26 16 30		MAY .	22 20 41	22 15 1
	JUNE .	24 18 15	25 2 27		JUNE .	21 9 25	21 5 40
	JULY .	24 6 59	24 10 56		JULY .	20 22 9	20 21 13
	AUG. .	22 19 43	22 18 57		AUG. .	19 10 53	19 13 0
	SEPT. .	21 8 27	21 3 27		○	8 5 15	2 18 13
	OCT. .	20 21 11	20 13 8		SEPT. .	17 23 37	18 4 19
	NOV. .	19 9 55	19 0 27		OCT. .	17 12 21	17 18 46
	DEC. .	18 22 39	18 13 34		NOV. .	16 1 5	16 8 6
					DEC. .	15 13 49	15 20 19
888. G.V. 16 0 18	JAN. .	17 11 21	17 4 25	891. G. 16 17 45	JAN. .	14 2 34	14 7 27
	FEB. .	16 0 8	15 20 37		FEB. .	12 15 18	12 17 32
	MAR. .	16 12 52	16 13 29		MAR. .	14 4 2	14 2 54
	○	31 7 13	31 12 14		APRIL .	12 16 46	12 12 3
	APRIL .	15 1 36	15 6 9		MAY .	12 5 30	11 21 48
	MAY .	14 14 20	14 21 45		JUNE .	10 18 14	10 8 59
	JUNE .	13 3 4	13 11 34		JULY .	10 6 58	9 22 10
	JULY .	12 15 48	12 23 30		AUG. .	8 19 42	8 13 25
	AUG. .	11 4 32	11 9 57		○	23 14 4	23 10 31
	SEPT. .	9 17 16	9 19 36		SEPT. .	7 8 26	7 6 10
	OCT. .	9 6 0	9 5 14		OCT. .	6 21 10	6 23 30
	NOV. .	7 18 44	7 15 21		NOV. .	5 9 54	5 16 25
	DEC. .	7 7 28	7 2 16		DEC. .	4 22 38	5 7 59
889. H. 10 6 7	JAN. .	5 20 12	5 14 2	892. H.A. 15 23 31	JAN. .	3 11 22	3 21 43
	FEB. .	4 8 56	4 2 43		FEB. .	2 0 6	2 9 27
	MAR. .	5 21 40	5 16 23		MAR. .	2 12 50	2 19 13
	○	20 16 2	21 4 8		APRIL .	1 1 34	1 3 44
	APRIL .	4 10 24	4 7 0		○	80 14 18	80 11 28
	MAY .	3 23 8	3 22 21		MAY .	80 3 2	29 19 27
	JUNE .	2 11 52	2 13 53		JUNE .	28 15 46	28 4 44
	JULY .	2 0 36	2 4 55		○	13 10 8	13 17 26
	○	31 13 20	31 18 57		JULY .	28 4 30	27 16 16
	AUG. .	30 2 4	30 7 49		AUG. .	26 17 14	26 6 32
	○	13 20 26	13 6 24		SEPT. .	25 5 58	24 23 20
	SEPT. .	24 14 48	24 19 41		OCT. .	24 18 42	24 13 48
	OCT. .	23 3 32	23 6 53		NOV. .	23 7 26	23 12 33
	NOV. .	22 16 16	22 17 53		DEC. .	22 20 10	23 6 9
	DEC. .	20 5 0	20 4 49				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 893. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 896. D.C. March. <i>d. h. m.</i> 15 22 49		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 16 5 22	○ JAN. .	{ 6 14 32	6 7 5	JAN. .	19 0 5	18 20 39	
	FEB. .	{ 21 8 54	21 21 33	FEB. .	17 12 49	17 11 56	
	MAR. .	19 21 39	20 10 14	MAR. .	18 1 33	18 8 39	
	APRIL	21 10 23	21 20 20	APRIL	16 14 17	17 0 37	
	MAY .	19 23 7	20 4 25	○	{ 1 8 39	1 8 39	
	JUNE .	19 11 51	20 11 26	MAY .	{ 16 3 1	16 14 10	
	○	18 0 35	17 18 24	JUNE .	14 15 45	15 1 15	
	JULY .	{ 2 18 57	3 1 30	JULY .	14 4 29	14 10 29	
	AUG. .	{ 17 13 19	17 2 23	AUG. .	12 17 13	12 18 48	
	SEPT. .	16 2 3	15 13 28	SEPT. .	11 5 57	11 3 10	
	OCT. .	14 14 47	14 1 27	OCT. .	{ 10 18 41	10 12 22	
	NOV. .	14 3 31	13 17 30	○	{ 25 13 3	25 15 13	
	DEC. .	12 16 15	12 11 58	NOV. .	9 7 25	8 22 57	
	○	{ 12 4 59	12 7 31	DEC. .	8 20 9	8 11 9	
		{ 26 23 21	26 20 29				
894. F.	JAN. .	10 17 43	11 2 27	897. B.	JAN. .	7 8 53	7 1 0
16 11 11	FEB. .	9 6 27	9 19 18	16 4 38	FEB. .	5 21 37	5 16 20
	MAR. .	10 19 11	11 9 11	MAR. .	7 10 21	7 8 41	
	APRIL	9 7 55	9 20 5	APRIL	5 23 5	6 1 20	
	MAY .	8 20 39	9 4 31	○	{ 20 17 27	20 19 56	
	JUNE .	{ 7 9 23	7 11 32	MAY .	5 11 49	5 17 26	
	○	{ 22 3 45	22 3 13	JUNE .	4 0 33	4 8 12	
	JULY .	6 22 7	6 18 11	JULY .	3 13 17	3 21 11	
	AUG. .	5 10 51	5 1 36	AUG. .	{ 2 2 1	2 8 31	
	SEPT. .	3 23 35	3 10 47	SEPT. .	{ 31 14 45	31 18 44	
	OCT. .	3 12 19	2 22 34	○	{ 14 21 51	14 14 39	
	NOV. .	2 1 3	1 13 21	OCT. .	{ 29 16 13	29 14 33	
	DEC. ○	{ 1 13 47	1 6 48	NOV. .	28 4 57	28 1 10	
		{ 16 8 9	16 12 14	DEC. .	27 17 41	27 12 27	
		{ 31 2 31	31 1 55				
895. E.	JAN. .	29 15 15	29 21 8	898. A.	JAN. .	26 6 26	26 0 31
16 17 0	FEB. .	28 4 0	28 14 53	16 10 27	FEB. .	24 19 10	24 18 23
	MAR. .	29 16 44	30 5 59	MAR. .	26 7 54	26 8 14	
	APRIL	28 5 28	28 13 7	○	{ 10 2 16	10 12 32	
	MAY .	27 13 12	28 3 36	APRIL	{ 24 20 38	24 18 2	
	JUNE .	26 6 56	26 11 21	MAY .	24 9 22	24 9 23	
	JULY .	25 19 40	25 18 23	JUNE .	22 22 6	23 0 44	
	AUG. .	24 8 24	24 2 1	JULY .	22 10 50	22 15 28	
	SEPT. .	22 21 8	22 10 55	AUG. .	20 23 34	21 5 10	
	OCT. .	22 9 52	21 21 52	SEPT. .	19 12 18	19 17 43	
	NOV. .	20 22 36	20 11 16	○	{ 4 6 40	4 17 16	
	DEC. .	20 11 20	20 3 4	OCT. .	{ 19 1 2	19 5 36	
				NOV. .	17 13 46	17 13 54	
				DEC. .	17 2 30	17 8 54	

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 899. a. March. d. h. m. 16 16 15		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 902. c. March. d. h. m. 16 9 42		<i>d. h. m.</i>	<i>d. h. m.</i>
	JAN. .	15 15 15	15 14 38		JAN. .	12 6 25	12 18 21
	FEB. .	14 8 59	14 1 11		FEB. .	10 19 9	11 8 22
	MAR. .	15 16 43	15 11 50		MAR. .	12 7 53	12 19 36
	APRIL .	14 5 27	13 23 7		APRIL .	10 20 37	11 4 28
	MAY .	13 18 11	13 11 34		MAY .	10 9 21	10 11 48
	JUNE .	12 6 55	12 1 28		JUNE .	8 22 5	8 18 35
	JULY .	11 19 39	11 16 37		JULY .	8 10 49	8 1 52
	AUG. .	10 8 23	10 8 31		AUG. .	6 23 33	6 10 49
	○	25 2 45	24 17 44		SEPT. .	5 12 17	4 22 23
	SEPT. .	8 21 7	9 0 24		OCT. .	5 1 1	4 12 57
	OCT. .	8 9 51	8 15 38		NOV. .	3 13 45	3 6 25
	NOV. .	6 22 35	7 5 43		DEC. .	3 2 29	3 1 41
	DEC. .	6 11 19	6 18 46		○	17 20 51	17 19 29
900. F.E. 15 22 4	JAN. .	5 0 3	5 6 28	903. D. 16 15 31	JAN. .	1 15 13	1 21 10
	FEB. .	3 12 47	3 16 56		FEB. .	31 3 57	31 15 11
	○	18 7 9	18 12 34		...	...	...
	MAR. .	4 1 31	4 2 24		MAR. .	1 16 41	2 6 33
	APRIL .	2 11 15	2 11 19		...	31 5 25	31 18 48
	MAY .	2 2 59	1 20 26		APRIL .	29 18 9	30 4 18
	...	31 15 43	31 6 38		MAY .	29 6 53	29 11 52
	JUNE .	30 4 27	29 18 41		○	18 1 15	12 22 46
	JULY .	29 17 11	29 8 54		JUNE .	27 19 37	27 18 34
	○	18 11 33	13 10 30		JULY .	27 8 21	27 1 32
	AUG. .	28 5 55	28 1 7		AUG. .	25 21 5	25 9 49
	SEPT. .	26 18 39	26 18 30		SEPT. .	24 9 49	23 20 18
	OCT. .	26 7 28	26 12 1		OCT. .	23 22 33	23 9 39
	NOV. .	21 20 7	25 4 31		NOV. .	22 11 17	22 1 52
	DEC. .	24 8 51	21 19 25		○	7 5 39	7 11 3
					DEC. .	22 0 1	21 20 16
901. D. 16 8 53	JAN. .	22 21 36	23 8 9	904. A.G. 15 21 20	JAN. .	20 12 46	20 15 32
	○	6 15 58	6 12 35		FEB. .	19 1 30	19 10 3
	FEB. .	21 10 20	21 18 48		MAR. .	19 14 14	20 2 30
	MAR. .	22 23 4	23 3 40		APRIL .	18 2 58	18 16 2
	APRIL .	21 11 48	21 11 29		MAY .	17 15 42	18 2 45
	MAY .	21 0 32	20 19 3		○	1 10 4	1 1 40
	JUNE .	19 18 16	19 3 26		JUNE .	16 4 26	16 11 16
	JULY .	19 2 0	18 13 43		JULY .	15 17 10	15 18 42
	○	2 20 22	3 1 53		AUG. .	14 5 54	14 2 2
	AUG. .	17 14 44	17 2 36		SEPT. .	12 18 38	12 10 18
	SEPT. .	16 8 23	15 18 18		OCT. .	12 7 22	11 20 18
	OCT. .	15 16 12	15 12 13		NOV. .	10 20 6	10 8 31
	NOV. .	14 4 56	14 7 11		○	25 14 23	25 23 9
	DEC. .	13 17 40	14 1 40		DEC. .	10 8 50	9 23 6

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 905. F. March. <i>d. h. m.</i> 16 3 8	JAN. .	<i>d. h. m.</i> 8 21 35	<i>d. h. m.</i> 8 15 46	A.D. 908. C.B. March. <i>d. h. m.</i> 15 20 35	JAN. .	<i>d. h. m.</i> 6 12 44	<i>d. h. m.</i> 6 13 45
	FEB. .	7 10 19	7 9 37		FEB. .	5 1 28	5 0 13
	MAR. .	8 23 3	9 3 35		MAR. .	{ 5 14 12	5 10 30
	APRIL	7 11 47	7 20 23		○	{ 20 8 34	20 22 10
	MAY .	{ 7 0 31	7 11 7		APRIL	4 2 56	3 21 7
	○	{ 21 18 53	21 11 36		MAY .	3 15 40	3 8 40
	JUNE .	5 13 15	5 23 27		JUNE .	2 4 24	1 21 38
	JULY .	5 1 59	5 9 39		JULY .	{ 1 17 8	1 12 9
	AUG. .	3 14 43	3 18 29			{ 31 5 52	31 3 50
	SEPT. .	2 3 27	2 2 55		AUG. .	29 18 36	29 20 2
		{ 1 16 11	1 11 49		○	{ 13 12 58	13 2 14
	OCT. .	{ 31 4 55	30 21 49		SEPT. .	{ 28 7 20	28 11 57
	NOV. .	29 17 39	29 9 14		OCT. .	27 20 4	28 2 58
	DEC. .	29 6 23	28 22 11		NOV. .	26 8 43	26 16 47
					DEC. .	25 21 32	26 5 11
906. E. 16 8 57	JAN. .	27 19 7	27 12 36	909. A. 16 2 24	JAN. .	24 10 17	24 16 13
	FEB. .	26 7 51	26 4 14		FEB. .	22 23 1	23 2 0
	MAR. .	27 20 35	27 20 33		MAR. .	24 11 45	24 10 54
	APRIL	26 9 19	26 12 51		APRIL	23 0 29	22 19 34
	MAY .	25 22 3	26 4 18		MAY .	22 13 13	22 4 55
	JUNE .	24 10 47	24 18 16		JUNE .	21 1 57	20 15 43
	JULY .	23 23 31	24 6 35		JULY .	20 14 41	20 4 53
	AUG. .	22 12 15	22 17 31		AUG. .	19 3 25	18 20 15
	SEPT. .	21 0 59	21 3 43		○	{ 2 21 47	2 18 29
	OCT. .	20 13 43	20 13 48		SEPT. .	{ 17 16 9	17 13 21
	NOV. .	19 2 27	19 0 14		OCT. .	17 4 53	17 7 11
	DEC. .	18 15 11	18 11 11		NOV. .	15 17 37	16 0 34
					DEC. .	15 6 21	15 16 30
907. D. 16 14 46	JAN. .	17 3 56	16 22 44	910. G. 16 8 13	JAN. .	13 19 6	14 6 23
	FEB. .	15 16 40	15 10 53		FEB. .	12 7 50	12 17 58
	MAR. .	{ 17 5 24	16 23 59		MAR. .	13 20 34	14 3 31
	○	{ 31 23 46	{ 1 11 52		APRIL	12 9 18	12 11 35
	APRIL	15 18 8	{ 15 14 1		MAY .	11 22 2	11 18 59
	MAY .	15 6 52	15 4 57		JUNE .	10 10 46	10 2 43
	JUNE .	13 19 36	13 20 19		JULY .	{ 9 23 30	9 11 51
	JULY .	13 8 20	13 11 31		○	{ 24 17 52	25 0 41
	AUG. .	11 21 4	12 1 59		AUG. .	8 12 14	7 23 21
	SEPT. .	{ 10 9 48	10 15 26		SEPT. .	7 0 58	6 13 45
	○	{ 25 4 10	24 14 13		OCT. .	6 13 42	6 6 48
	OCT. .	9 22 32	10 3 55		NOV. .	5 2 26	5 1 34
	NOV. .	8 11 16	8 15 40		DEC. .	4 15 10	4 20 37
	DEC. .	8 0 0	8 2 55				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 911.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 914.		<i>d. h. m.</i>	<i>d. h. m.</i>
1.	JAN.	3 3 54	3 14 25	h.	JAN.	29 7 48	29 4 32
March.		17 22 16	17 15 39	March.	FEB.	27 20 32	27 22 21
<i>d. h. m.</i>	FEB.	1 16 38	2 5 49	<i>d. h. m.</i>	MAR.	29 9 16	29 15 41
16 11 1	MAR.	3 5 22	3 18 21	16 7 27	APRIL	27 22 0	28 7 25
	APRIL	1 18 6	2 4 12	○		12 16 22	12 11 3
	MAY	1 6 50	1 12 5	MAY		27 10 41	27 20 59
		139 19 31	30 18 51	JUNE		25 23 28	26 8 16
	JUNE	24 8 18	29 1 47	JULY		25 12 12	25 17 52
		14 2 40	14 8 14	AUG.		24 0 56	24 2 36
	JULY	128 21 2	28 9 46	SEPT.		22 18 40	22 11 24
	AUG.	27 9 46	26 19 58	OCT.		22 2 21	21 20 58
	SEPT.	25 22 30	25 9 6	○		5 20 46	5 23 8
	OCT.	25 11 14	25 1 17	NOV.		20 15 8	20 7 45
	NOV.	23 23 58	23 19 52	DEC.		20 8 52	19 19 52
	DEC.	23 12 42	23 15 28	915.			
912.		7 7 5	7 5 24	h.	JAN.	18 16 37	18 9 24
h.	JAN.	122 1 27	22 10 21	16 13 16	FEB.	17 5 21	17 0 12
15 19 50	FEB.	29 14 11	21 3 9		MAR.	18 18 5	18 15 58
	MAR.	21 2 55	21 16 53		APRIL	17 6 49	17 8 9
	APRIL	19 15 39	20 3 37	○		2 1 11	2 8 35
	MAY	19 4 23	19 11 58	MAY		16 19 33	17 0 0
	JUNE	17 17 7	17 18 59	JUNE		15 8 17	15 14 47
	○	2 11 29	2 9 40	JULY		14 21 1	15 4 5
	JULY	117 5 51	17 1 44	AUG.		13 9 45	13 15 53
	AUG.	15 18 35	15 9 19	SEPT.		11 22 29	12 2 38
	SEPT.	11 7 19	13 18 42	OCT.		11 11 13	11 12 59
	OCT.	13 20 3	13 6 40	○		26 5 35	25 22 20
	NOV.	12 8 47	11 21 32	NOV.		9 23 57	9 23 28
	DEC.	11 21 31	11 14 56	DEC.		9 12 41	9 10 8
	○	26 15 53	26 21 11	916.			
913.		10 10 16	10 9 51	h.	JAN.	8 1 26	7 21 19
h.	FEB.	8 23 0	9 4 49	15 19 5	FEB.	6 14 10	6 8 56
16 1 39	MAR.	10 11 44	10 22 18		MAR.	7 2 54	6 21 14
	APRIL	9 0 28	9 13 14		APRIL	5 15 38	5 10 28
	MAY	8 13 12	9 1 18	○		20 10 0	20 20 11
	JUNE	7 1 56	7 10 50	MAY		5 4 22	5 0 44
	JULY	6 14 40	6 18 47	JUNE		3 17 6	3 15 50
	AUG.	5 8 21	5 2 8	JULY		3 5 50	3 7 14
	SEPT.	3 16 8	3 10 1	○		1 18 34	1 22 18
	OCT.	3 4 52	2 19 13	AUG.		31 7 18	31 12 32
	NOV.	1 17 39	1 6 23	SEPT.		29 20 2	30 1 47
	DEC.	1 6 20	1 19 47	○		14 14 24	14 1 13
	○	139 19 4	30 11 21	OCT.		29 8 46	29 14 9
				NOV.		27 21 30	28 1 48
				DEC.		27 10 14	27 12 52

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 917. E. March. d. h. m. 16 0 54		d. h. m.	d. h. m.	A.D. 920. B.A. March. d. h. m. 15 18 20		d. h. m.	d. h. m.
	JAN. .	25 22 58	25 23 23		JAN. .	23 14 8	24 2 35
	FEB. .	24 11 42	24 9 30		FEB. .	22 2 52	22 16 30
	MAR. .	26 0 26	25 19 37		MAR. .	22 15 36	23 3 32
	APRIL	24 13 10	24 6 21		APRIL	21 4 20	21 12 11
	MAY .	24 1 54	23 18 21		MAY .	20 17 4	20 19 19
	JUNE .	22 14 33	22 7 59		JUNE .	19 5 48	19 1 59
	JULY .	22 3 22	21 23 11		JULY .	18 18 32	18 9 17
	AUG. .	20 16 6	20 15 23		AUG. .	17 7 16	16 18 19
	SEPT. .	19 4 50	19 7 47		SEPT. .	15 20 0	15 6 0
	OCT. .	18 17 34	18 23 37		OCT. .	15 8 44	14 20 45
	NOV. .	17 6 18	17 14 18		NOV. .	13 21 28	13 14 18
	DEC. .	16 19 2	17 3 33		DEC. .	13 10 12	13 9 38
					O	28 4 34	23 4 25
918. D.	JAN. .	15 7 47	15 15 16	921. G.	JAN. .	11 22 57	12 5 5
	FEB. .	13 20 31	14 1 31		FEB. .	10 11 41	10 23 1
	O	28 14 53	28 20 0		MAR. .	12 0 25	12 14 14
16 6 48	MAR. .	15 9 15	15 10 36	16 0 9	APRIL	10 13 9	11 2 21
	APRIL	13 21 59	13 19 4		MAY .	10 1 53	10 11 45
	MAY .	13 10 43	13 3 44		JUNE .	8 14 37	8 19 17
	JUNE .	11 23 27	11 13 35		O	28 8 59	23 5 12
	JULY .	11 12 11	11 1 27		JULY .	8 3 21	8 2 3
	AUG. .	10 0 55	9 15 44		AUG. .	6 16 5	6 9 12
	O	24 19 17	24 18 23		SEPT. .	5 4 49	4 17 42
	SEPT. .	8 13 30	8 8 12		OCT. .	4 17 33	4 4 26
	OCT. .	8 2 23	8 2 0		NOV. .	3 6 17	2 17 53
	NOV. .	6 15 7	6 19 59		DEC. .	2 19 1	2 10 4
	DEC. .	6 3 51	6 12 58		O	17 13 23	17 19 57
919. C.	JAN. .	4 16 36	5 4 0	922. F.	JAN. .	1 7 45	1 4 18
	FEB. .	3 5 20	3 16 42		FEB. .	30 20 29	30 23 16
	O	17 23 42	17 20 18		...	...	...
16 12 32	MAR. .	4 18 4	5 3 5	16 5 53	MAR. .	1 9 13	1 17 30
	APRIL	3 6 48	3 11 40		O	30 21 57	31 9 42
	MAY .	2 19 32	2 19 7		APRIL	29 10 41	29 23 9
	JUNE .	1 8 16	1 2 25		MAY .	23 23 25	29 9 54
	O	30 21 0	30 10 39		O	12 17 47	12 8 26
	JULY .	30 9 44	29 20 51		JUNE .	27 12 9	27 18 36
	O	14 4 6	14 9 25		JULY .	27 0 53	27 2 14
	AUG. .	28 22 28	28 9 48		AUG. .	25 13 37	25 9 55
	SEPT. .	27 11 12	27 1 42		SEPT. .	24 2 21	23 18 32
	OCT. .	26 23 56	26 19 54		OCT. .	23 15 5	23 4 49
	NOV. .	25 12 40	25 15 8		NOV. .	22 3 49	21 17 6
	DEC. .	25 1 24	25 9 50		O	6 22 11	7 7 41
					DEC. .	21 16 33	21 7 32

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 923. E. March. d. h. m. 16 11 47		d. h. m.	d. h. m.	A.D. 926. A. March. d. h. m. 16 5 14		d. h. m.	d. h. m.
	JAN. .	20 5 18	19 23 49		JAN. .	16 20 28	16 22 36
	FEB. .	18 18 2	18 17 12		FEB. .	15 9 12	15 8 44
	MAR. .	20 6 46	20 10 42		MAR. .	16 21 56	16 18 32
	APRIL	18 19 30	19 3 13		○	31 16 18	1 5 33
	MAY .	18 8 14	18 17 51		APRIL	15 10 40	15 4 35
	○	2 2 33	1 18 50		MAY .	14 23 24	14 15 39
	JUNE .	16 20 58	17 6 20		JUNE .	13 12 8	13 4 16
	JULY .	16 9 42	16 16 50		JULY .	13 0 52	12 18 42
	AUG. .	14 22 26	15 2 6		AUG. .	11 13 36	11 10 35
	SEPT. .	13 11 10	13 11 1		SEPT. .	10 2 20	10 3 12
	OCT. .	12 23 54	12 20 21		○	24 20 42	24 10 26
	NOV. .	11 12 38	11 6 36		OCT. .	9 15 4	9 19 41
	DEC. .	11 1 22	10 18 3		NOV. .	8 3 48	8 11 17
					DEC. .	7 16 32	8 1 28
924. D.C. 15 17 36	JAN. .	9 14 7	9 6 46	927. G. 16 11 2	JAN. .	6 5 16	6 14 0
	FEB. .	8 2 51	7 20 42		FEB. .	4 18 0	5 0 58
	MAR. .	8 15 35	8 11 44		MAR. .	6 6 45	6 10 20
	APRIL	7 4 19	7 3 31		APRIL	4 19 29	4 18 48
	MAY .	6 17 3	6 19 27		MAY .	4 8 18	4 3 3
	JUNE .	5 5 47	5 10 49		JUNE .	2 20 57	2 12 1
	JULY .	4 18 31	5 1 0		○	2 9 41	1 22 41
	AUG. .	3 7 15	3 13 44		JULY .	31 22 25	31 11 44
	SEPT. .	1 19 59	2 1 13		AUG. .	30 11 9	30 3 15
	○	1 8 43	1 11 58		○	14 5 31	14 2 38
	OCT. .	30 21 27	30 22 31		SEPT. .	28 23 53	28 20 41
	NOV. .	29 10 11	29 9 11		OCT. .	28 12 37	28 14 57
	DEC. .	28 22 55	28 20 7		NOV. .	27 1 21	27 8 46
					DEC. .	26 14 5	27 1 0
925. H. 15 23 25	JAN. .	27 11 39	27 7 20	928. F.E. 15 16 51	JAN. .	25 2 49	25 14 53
	FEB. .	26 0 23	25 19 1		FEB. .	23 15 33	24 2 19
	MAR. .	27 13 7	27 7 27		MAR. .	24 4 17	24 11 34
	○	11 7 20	11 19 31		APRIL	22 17 1	22 19 19
	APRIL	26 1 51	25 20 55		MAY .	22 5 45	22 2 25
	MAY .	25 14 35	25 11 27		JUNE .	20 18 29	20 9 57
	JUNE .	24 8 19	24 2 45		JULY .	20 7 13	19 19 1
	JULY .	23 16 3	23 18 10		○	4 1 35	4 7 59
	AUG. .	22 4 47	22 9 5		AUG. .	18 19 57	18 6 31
	SEPT. .	20 17 31	20 23 9		SEPT. .	17 8 41	16 21 5
	○	5 11 53	4 22 11		OCT. .	16 21 25	16 14 23
	OCT. .	20 6 15	20 12 14		NOV. .	15 10 9	15 9 24
	NOV. .	18 18 59	19 0 26		DEC. .	14 22 53	15 4 42
	DEC. .	18 7 43	18 11 53				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 929. D.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 932. A.G.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 15 22 40	JAN. .	{ 13 11 33	13 22 36	March. <i>d. h. m.</i> 15 16 7	JAN. .	11 2 48	10 19 37
	○	{ 23 6 0	28 0 8		FEB. .	9 15 32	9 12 19
	FEB. .	12 0 22	12 13 57		MAR. .	10 4 16	10 5 38
	MAR. .	13 13 6	14 2 20		APRIL	8 17 0	8 22 34
	APRIL	12 1 50	12 11 58		MAY .	{ 8 5 41	8 14 9
	MAY .	11 14 34	11 19 39		○	{ 23 0 6	22 18 25
	JUNE .	10 3 18	10 2 22		JUNE .	6 18 28	7 3 47
	JULY .	{ 9 16 2	9 9 12		JULY .	6 7 12	6 15 20
	○	{ 24 10 24	24 15 0		AUG. .	4 19 56	5 1 19
	AUG. .	8 4 46	7 17 18		SEPT. .	3 8 40	3 10 32
	SEPT. .	6 17 30	6 3 38		OCT. .	2 21 24	2 19 48
	OCT. .	6 6 14	5 16 54		Nov. ○	{ 1 10 8	1 5 43
	NOV. .	4 18 58	4 9 13			{ 16 4 30	16 6 59
	DEC. .	4 7 42	4 3 50			{ 30 22 52	30 16 36
930. C.	JAN. .	{ 2 20 27	2 23 26		DEC. .	30 11 36	30 4 36
16 4 29	○	{ 17 14 49	17 14 14	933. F.	JAN. .	29 0 21	28 17 45
	FEB. .	1 9 11	1 18 15	15 21 55	FEB. .	27 13 5	27 7 58
	MAR. .	2 21 55	3 10 49		MAR. .	29 1 49	28 23 8
	APRIL	{ 1 10 39	2 0 25		APRIL	27 14 33	27 14 51
		{ 30 28 23	{ 1 11 2		○	{ 12 8 55	12 11 10
	MAY .	30 12 7	{ 30 19 23		MAY .	{ 27 3 17	27 6 30
	JUNE .	29 0 51	29 2 25		JUNE .	25 16 1	25 21 23
	○	{ 13 19 13	{ 13 16 11		JULY .	25 4 45	25 11 1
	JULY .	{ 23 13 35	{ 28 9 20		AUG. .	23 17 29	23 23 21
	AUG. .	27 2 19	26 17 10		SEPT. .	22 6 13	22 10 42
	SEPT. .	25 15 3	25 2 49		OCT. .	21 18 57	21 21 32
	OCT. .	25 3 47	24 14 57		○	{ 5 13 19	5 6 11
	NOV. .	23 16 31	23 5 49		Nov. .	{ 20 7 41	20 8 17
	DEC. .	23 5 15	22 23 4		DEC. .	19 20 25	19 19 6
931. B.	○	{ 6 23 37	7 6 4	934. E.	JAN. .	18 9 9	18 6 3
16 10 18	JAN. .	{ 21 17 59	21 17 41	16 3 44	FEB. .	16 21 53	16 17 15
	FEB. .	20 6 43	20 12 18		MAR. .	18 10 37	18 4 58
	MAR. .	21 19 27	22 5 31		APRIL	16 23 21	16 17 36
	APRIL	20 8 11	20 20 19		○	{ 1 17 43	2 3 42
	MAY .	19 20 55	20 8 22		MAY .	{ 16 12 5	16 7 23
	JUNE .	18 9 39	18 18 1		JUNE .	15 0 49	14 22 17
	JULY .	17 22 23	18 2 12		JULY .	14 13 33	14 13 46
	AUG. .	16 11 7	16 9 55		AUG. .	13 2 17	13 5 11
	SEPT. .	14 23 51	14 18 9		SEPT. .	11 15 1	11 19 59
	OCT. .	14 12 35	14 3 41		OCT. .	{ 11 3 45	11 9 51
	NOV. .	13 1 19	12 15 1		○	{ 25 22 7	25 9 20
	DEC. .	12 14 3	12 4 21		Nov. .	9 16 29	9 22 45
					DEC. .	9 5 13	9 10 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 935. D. March. d. h. m. 16 9 33		d. h. m.	d. h. m.	A.D. 938. G. March. d. h. m. 16 3 0		d. h. m.	d. h. m.
	JAN. .	7 17 58	7 21 47		JAN. .	4 9 8	4 17 58
	FEB. .	6 6 42	6 8 3		FEB. .	{ 2 21 52	3 10 41
	MAR. .	7 19 26	7 17 41		○	{ 17 16 14	17 10 32
	APRIL	6 8 10	6 3 20		MAR. .	4 10 36	5 0 29
	MAY .	5 20 54	5 13 32		APRIL	2 23 20	3 11 20
	JUNE .	4 9 38	4 1 8		MAY .	2 12 4	2 19 48
	JULY .	3 22 22	3 14 35		JUNE .	{ 1 0 48	1 2 47
	AUG. .	{ 2 11 6	2 5 51			{ 30 13 32	30 9 26
	SEPT. .	{ 31 23 50	31 22 22		JULY .	30 2 16	29 16 49
	OCT. .	30 12 34	30 15 17		AUG. .	28 15 0	28 1 59
	NOV. .	30 1 18	30 7 42		SEPT. .	27 3 44	26 13 49
	DEC. .	28 14 2	28 22 51		OCT. .	26 16 28	26 4 42
		28 2 46	28 12 20		NOV. .	25 5 12	24 22 20
					DEC. .	24 17 56	24 17 37
936. C.B.	JAN. .	26 15 30	26 23 59	939. F.	○	{ 8 12 18	8 13 21
	FEB. .	25 4 14	25 9 58		JAN. .	{ 23 6 40	23 12 56
	○	{ 10 22 36	11 3 14		FEB. .	21 19 24	22 6 41
15 15 22	MAR. .	{ 25 16 58	25 18 39	16 8 48	MAR. .	23 8 8	23 21 44
	APRIL	24 5 42	24 2 41		APRIL	21 20 52	22 9 45
	MAY .	23 18 26	23 10 59		MAY .	21 9 36	21 19 4
	JUNE .	22 7 10	21 20 81		JUNE .	19 22 20	20 2 39
	JULY .	21 19 54	21 8 19		○	{ 4 16 42	4 11 41
	AUG. .	20 8 38	19 22 39		JULY .	{ 19 11 4	19 9 36
	○	{ 4 3 0	4 2 23		AUG. .	17 23 48	17 16 59
	SEPT. .	{ 18 21 22	18 15 23		SEPT. .	16 12 32	16 1 46
	OCT. .	18 10 6	18 9 35		OCT. .	16 1 16	15 12 41
	NOV. .	16 22 50	17 4 1		NOV. .	14 14 0	14 2 13
	DEC. .	16 11 34	16 21 19		DEC. .	{ 14 2 44	13 18 18
					○	{ 28 21 6	29 4 48
937. A.	JAN. .	15 0 19	15 12 29	940. E.D.	JAN. .	12 15 29	12 12 16
	FEB. .	{ 13 18 3	14 1 5		FEB. .	11 4 13	11 6 53
	○	{ 28 7 25	28 3 53		MAR. .	11 16 57	12 0 47
15 21 11	MAR. .	15 1 47	15 11 14	15 14 37	APRIL	10 5 41	10 16 47
	APRIL	13 14 31	13 19 30		MAY .	9 18 25	10 6 10
	MAY .	13 3 15	13 2 39		JUNE .	{ 8 7 9	8 17 1
	JUNE .	11 15 59	11 9 44		○	{ 23 1 31	22 15 15
	JULY .	11 4 43	10 17 53		JULY .	7 19 53	8 1 53
	AUG. .	{ 9 17 27	9 4 5		AUG. .	6 8 37	6 9 53
	○	{ 24 11 49	24 17 0		SEPT. .	4 21 21	4 17 57
	SEPT. .	8 6 11	7 17 10		OCT. .	4 10 5	4 2 56
	OCT. .	7 18 53	7 9 18		NOV. .	2 22 49	2 13 26
	NOV. .	6 7 39	6 8 39			2 11 33	2 1 46
	DEC. .	5 20 23	5 23 8		DEC. ○	{ 17 5 55	17 16 13
						...	31 16 0

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 941. C.		d. h. m.	d. h. m.	A.D. 944. G.F. March. d. h. m.		d. h. m.	d. h. m.
March. d. h. m. 15 20 26	JAN. .	{ 1 0 18 30 13 2	... 30 7 48	15 13 52	JAN. .	28 4 12	28 7 24
	FEB. .	...	...		FEB. .	26 16 56	26 17 9
	MAR. .	{ 1 1 46 30 14 30	1 0 40 30 17 41		MAR. .	27 5 40	27 2 27
	APRIL	29 3 14	29 9 55		○	{ 11 0 2 25 18 24	11 12 46 25 12 0
	MAY .	28 15 58	29 0 34		MAY .	25 7 8	21 22 35
	○	{ 12 10 20 27 4 42	12 2 5 27 13 15		JUNE .	23 19 52	23 10 57
	JUNE .	26 17 26	27 0 7		JULY .	23 8 36	23 1 20
	AUG. .	25 6 10	25 9 51		AUG. .	21 21 20	21 17 26
	SEPT. .	23 18 54	23 19 16		SEPT. .	20 10 4	20 10 31
	OCT. .	23 7 38	23 5 0		○	{ 5 4 26 19 22 48	4 18 48 20 3 48
	NOV. .	21 20 22	21 15 29		NOV. .	18 11 32	18 19 39
	DEC. .	21 9 6	21 2 54		DEC. .	18 0 16	18 10 10
942. B.	JAN. .	19 21 50	19 15 17	945. E.	JAN. .	16 13 0	16 22 45
16 2 15	FEB. .	18 10 34	18 4 42	15 19 41	FEB. .	15 1 44	15 9 26
	MAR. .	19 23 18	19 19 6		MAR. .	16 14 28	16 18 31
	APRIL	18 12 2	18 10 21		APRIL	15 3 12	15 2 35
	MAY .	18 0 46	18 1 59		MAY .	14 15 56	14 10 26
	JUNE .	16 13 80	16 17 19		JUNE .	13 4 40	12 19 6
	JULY .	16 2 14	16 7 44		JULY .	12 17 24	12 5 37
	AUG. .	14 14 58	14 20 57		AUG. .	11 6 8	10 18 39
	SEPT. .	13 3 42	13 9 1		SEPT. .	{ 9 18 52 24 13 14	9 10 20 21 10 54
	OCT. .	12 16 26	12 20 20		○	9 7 36	9 4 8
	NOV. .	11 5 10	11 7 18		NOV. .	7 20 20	7 22 50
	DEC. .	10 17 54	10 18 9		DEC. .	7 9 4	7 17 0
	943. A.	JAN. .	9 6 30		9 5 0	946. D.	JAN. .	5 21 49	6 9 23
16 8 4	FEB. .	7 19 23	7 15 52	16 1 30	FEB. .	4 10 38	4 23 13
	MAR. .	9 8 7	9 3 0		MAR. .	5 23 17	6 10 32
	APRIL	{ 7 20 51 22 15 13	7 14 49 23 3 3		APRIL	4 12 1	4 19 31
	○	7 9 35	7 3 46		MAY .	4 0 45	4 2 57
	MAY .	5 22 19	5 17 59		JUNE .	2 13 29	2 9 51
	JULY .	5 11 3	5 9 13		JULY .	{ 2 2 13 31 14 57	1 17 16 31 2 19
	AUG. .	3 23 47	4 0 53		AUG. .	30 3 41	29 13 57
	SEPT. .	2 12 31	2 16 19		SEPT. .	23 16 25	23 4 33
	○	{ 2 1 15 16 19 37	2 7 0 16 6 19		OCT. .	23 5 9	27 22 6
	NOV. .	31 13 59	31 20 39		NOV. .	26 17 53	26 17 20
	DEC. .	30 2 43	30 9 14		DEC. .	26 6 37	26 12 44
	DEC. .	29 15 27	29 20 48				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 947. C.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 950. F.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 16 7 19	JAN. .	24 19 21	25 6 40	March. <i>d. h. m.</i> 16 0 45	JAN. .	21 10 31	21 3 48
	O	{ 8 13 43	8 8 31		FEB. .	19 23 15	19 19 58
	FEB. .	{ 23 8 5	23 21 55		MAR. .	21 11 59	21 12 45
	MAR. .	24 20 49	25 10 7		APRIL	20 0 43	20 5 19
	APRIL	23 9 33	23 19 35		MAY .	19 13 27	19 20 47
	MAY .	22 22 17	23 3 7		O	{ 3 7 49	3 1 45
	JUNE .	21 11 1	21 9 47		JUNE .	{ 18 2 11	18 10 31
	JULY .	20 23 45	20 16 42		JULY .	17 14 55	17 22 24
	O	{ 4 18 7	4 21 50		AUG. .	16 3 39	16 8 52
	AUG. .	{ 19 12 29	19 0 56		SEPT. .	14 16 23	14 18 35
	SEPT. .	18 1 13	17 11 27		OCT. .	14 5 7	14 4 18
	OCT. .	17 13 57	17 0 53		NOV. .	{ 12 17 51	12 14 32
	NOV. .	16 2 41	15 17 15		O	{ 27 12 13	27 14 56
	DEC. .	15 15 25	15 11 52		DEC. .	12 6 35	12 1 31
948. B.A.	JAN. .	{ 14 4 10	14 7 18	951. E.	JAN. .	10 19 20	10 13 19
	O	{ 28 22 32	28 22 58	16 6 34	FEB. .	9 8 4	9 1 59
15 13 8	FEB. .	12 16 54	13 1 55		MAR. .	10 20 48	10 15 35
	MAR. .	13 5 38	13 18 20		APRIL	9 9 32	9 6 10
	APRIL	11 18 22	12 7 46		MAY .	{ 8 22 16	8 21 23
	MAY .	11 7 6	11 18 20		O	{ 23 16 38	23 18 40
	JUNE .	9 19 50	10 2 41		JUNE .	7 11 0	7 12 57
	JULY .	{ 9 8 34	9 9 54		JULY .	6 23 44	7 3 58
	O	{ 24 2 53	23 22 45		AUG. .	5 12 28	5 18 1
	AUG. .	7 21 18	7 17 3		SEPT. .	4 1 12	4 6 54
	SEPT. .	6 10 2	6 1 9		OCT. .	3 13 56	3 18 50
	OCT. .	5 22 46	5 11 4		NOV. .	{ 2 2 40	2 6 11
	NOV. .	4 11 30	3 23 20		O	{ 16 21 2	16 14 6
	DEC. .	4 0 14	3 14 9		DEC. .	{ 1 15 24	1 17 12
949. C.	JAN. .	{ 2 12 59	2 7 11	952. D.C.	JAN. .	29 16 53	29 14 45
	O	{ 17 7 21	17 14 53	15 12 23	FEB. .	28 5 37	28 1 28
15 18 57	FEB. .	1. 1 43	1 1 26		MAR. .	28 18 21	28 12 35
	MAR. .	2 14 27	2 19 40		APRIL	27 7 5	27 0 39
	APRIL	{ 1 3 11	1 12 36		O	{ 12 1 27	12 11 8
		{ 30 15 55	{ 1 8 17		MAY .	{ 26 19 49	26 14 2
	MAY .	30 4 39	{ 30 15 21		JUNE .	25 8 33	25 4 45
	JUNE .	28 17 23	29 1 14		JULY .	24 21 17	24 20 20
	JULY .	28 6 7	28 9 43		AUG. .	23 10 1	23 12 11
	AUG. .	26 18 51	26 17 49		SEPT. .	21 22 45	22 3 35
	SEPT. .	25 7 35	25 2 27		OCT. .	21 11 29	21 18 3
	OCT. .	24 20 19	24 12 17		O	{ 5 5 51	4 17 35
	NOV. .	23 9 3	22 23 44		NOV. .	{ 20 0 13	20 7 25
	DEC. .	22 21 47	22 12 57		DEC. .	19 12 57	19 19 33

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 953.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 956.		<i>d. h. m.</i>	<i>d. h. m.</i>
B.				F.E.			
March.	JAN. .	18 1 41	18 6 38		JAN. .	15 16 51	16 1 59
<i>d. h. m.</i>	FEB. .	16 14 25	16 16 36		FEB. .	{ 14 5 35	14 18 37
15 18 12	MAR. .	18 3 9	18 1 50	March.	○	{ 23 23 57	23 18 35
	APRIL	16 15 53	16 10 54	<i>d. h. m.</i>	MAR. .	14 18 19	15 8 17
	MAY .	16 4 37	15 20 39	15 11 38	APRIL	13 7 3	13 18 57
	JUNE .	14 17 21	14 7 54		MAY .	12 19 47	13 3 16
	JULY .	14 6 5	13 21 13		JUNE .	11 8 31	11 10 12
	AUG. .	12 18 49	12 12 34		JULY .	10 21 15	10 16 54
	SEPT. .	11 7 33	11 5 27		AUG. .	9 9 59	9 0 25
	OCT. .	10 20 17	10 22 55		SEPT. .	7 22 43	7 9 48
	NOV. .	9 9 1	9 15 50		OCT. .	7 11 27	6 21 48
	DEC. .	8 21 45	9 7 23		NOV. .	6 0 11	5 12 46
					DEC. .	5 12 55	5 6 23
954.	JAN. .	7 10 30	7 21 2	957.	JAN. .	{ 4 1 40	4 1 32
A.	FEB. .	5 23 14	6 8 36	D.	○	{ 18 20 2	18 22 13
16 0 1	MAR. .	{ 7 11 58	7 18 17		FEB. .	2 14 24	2 20 39
	○	{ 22 6 20	22 10 21	15 17 27	MAR. .	4 3 8	4 14 12
	APRIL	6 0 42	6 2 34		APRIL	2 15 52	3 5 5
	MAY .	5 13 26	5 10 14		MAY .	{ 2 4 36	2 17 0
	JUNE .	4 2 10	3 18 13		○	{ 31 17 20	{ 1 2 22
	JULY .	3 14 54	3 3 36		JUNE .	30 6 4	{ 30 10 4
	AUG. .	{ 2 3 38	1 15 18		JULY .	29 18 48	29 17 14
	○	{ 31 16 22	31 5 45		AUG. .	28 7 32	28 0 54
	SEPT. .	{ 15 10 44	15 10 29		SEPT. .	26 20 16	26 9 58
	○	{ 30 5 6	29 22 44		OCT. .	26 9 0	25 21 6
	OCT. .	29 17 59	29 17 20		NOV. .	24 21 44	24 10 40
	NOV. .	28 6 34	28 12 7		DEC. .	24 10 28	24 2 31
	DEC. .	27 19 18	23 5 38				
955.	JAN. .	26 8 3	26 20 53	958.	○	{ 8 4 51	8 13 39
G.	FEB. .	24 20 47	25 9 21	C.	JAN. .	{ 22 23 13	22 20 10
16 5 50	○	{ 11 15 9	11 11 22	15 23 16	FEB. .	21 11 57	21 14 22
	MAR. .	{ 26 9 31	26 19 14		MAR. .	23 0 41	23 7 56
	APRIL	24 22 15	25 3 13		APRIL	21 13 25	21 23 48
	MAY .	24 10 59	24 10 9		MAY .	21 2 9	21 13 6
	JUNE .	22 23 43	22 17 7		JUNE .	19 14 53	20 0 5
	JULY .	22 12 27	22 1 12		○	{ 4 9 15	3 22 8
	AUG. .	21 1 11	20 11 28		JULY .	{ 19 3 37	19 9 17
	○	{ 4 19 33	5 0 44		AUG. .	17 16 21	17 17 38
	SEPT. .	{ 19 13 55	19 0 42		SEPT. .	16 5 5	16 2 8
	OCT. .	19 2 39	18 16 57		OCT. .	15 17 49	15 11 29
	NOV. .	17 15 23	17 11 34		NOV. .	14 6 33	13 22 11
	DEC. .	17 4 7	17 7 8		DEC. .	{ 13 19 17	13 10 29
					○	{ 23 18 30	23 0 42

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 959.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 962.		<i>d. h. m.</i>	<i>d. h. m.</i>
^{R.} March. <i>d. h. m.</i> 16 5 5	JAN. .	12 8 1	12 0 23	^{R.} March. <i>d. h. m.</i> 15 22 31	JAN. .	8 23 11	9 5 41
	FEB. .	10 20 45	10 15 42		FEB. .	7 11 55	7 16 3
	MAR. .	12 9 29	12 8 0		MAR. .	9 0 39	9 1 24
	APRIL	10 22 13	11 0 34		APRIL	{ 7 13 23	7 10 13
	MAY .	10 10 57	10 16 33		○	{ 22 7 45	22 19 51
	JUNE .	{ 8 23 41	9 7 12		MAY .	7 2 7	6 19 17
	○	{ 23 18 3	23 9 21		JUNE .	5 14 51	5 5 31
	JULY .	8 12 25	8 20 7		JULY .	5 3 35	4 17 39
	AUG. .	7 1 9	7 7 27		AUG. .	3 16 19	3 8 2
	SEPT. .	5 13 53	5 17 42		SEPT. .	2 5 3	2 0 24
	OCT. .	5 2 37	5 3 36			{ 1 17 47	1 17 55
	NOV. .	3 15 21	3 13 44		OCT. ○	{ 16 12 9	16 3 15
	DEC. .	3 4 5	3 0 24			{ 31 6 31	31 11 29
					NOV. .	29 19 15	30 4 2
					DEC. .	29 7 59	29 18 46
960.	JAN. .	{ 1 16 50	1 11 44	963.	JAN. .	27 20 44	28 7 22
^{A.G.}		{ 31 5 34	30 23 46	^{D.}	FEB. .	26 9 28	26 17 49
15 10 54	FEB. .	29 18 18	29 12 36		MAR. .	27 22 12	28 2 34
	MAR. .	30 7 2	30 2 23	16 4 20	○	{ 11 16 34	11 22 10
	APRIL	28 19 46	23 17 7		APRIL	{ 26 10 56	26 10 15
	MAY .	28 8 30	28 8 27		MAY .	25 23 40	25 17 43
	JUNE .	26 21 14	26 23 47		JUNE .	24 12 24	24 2 15
	JULY .	26 9 58	26 14 32		JULY .	24 1 8	23 12 39
	AUG. .	24 22 42	25 4 16		AUG. .	22 13 52	22 1 44
	SEPT. .	23 11 26	23 16 57		SEPT. .	21 2 36	20 17 33
	OCT. .	23 0 10	23 4 43		○	{ 5 20 58	5 19 19
	NOV. .	21 12 54	21 16 9		OCT. .	{ 20 15 20	20 11 43
	DEC. .	21 1 38	21 3 8		NOV. .	19 4 4	19 6 46
					DEC. .	18 16 43	19 1 12
961.	JAN. .	19 14 23	19 13 50	964.	JAN. .	17 5 32	17 17 44
^F	FEB. .	18 3 7	18 0 17	^{C.B.}	FEB. .	15 18 16	16 7 33
15 16 43	MAR. .	19 15 51	19 10 51		MAR. .	16 7 0	16 18 35
	APRIL	18 4 35	17 22 7		APRIL	14 19 44	15 3 17
	○	{ 2 22 57	3 10 23		MAY .	14 8 23	14 10 31
	MAY .	{ 17 17 19	17 10 34	15 10 9	JUNE .	12 21 12	12 17 15
	JUNE .	16 6 3	16 0 30		JULY .	12 9 56	12 0 37
	JULY .	15 18 47	15 15 43		AUG. .	10 22 40	10 9 43
	AUG. .	14 7 31	14 7 41		SEPT. .	9 11 24	8 21 27
	SEPT. .	12 20 15	12 23 40		OCT. .	9 0 8	8 12 13
	OCT. .	{ 12 8 59	12 14 57		NOV. .	7 12 52	7 5 57
	○	{ 27 3 21	26 14 36		DEC. .	7 1 36	7 1 17
	NOV. .	10 21 43	11 5 9				
	DEC. .	10 10 27	10 18 4				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 965.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 968.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.	JAN. .	5 14 21	5 20 44	E.D.	JAN. .	3 5 31	2 21 32
March.	FEB. .	{ 4 3 5	4 14 36	March.	FEB. .	1 18 15	1 11 57
<i>d. h. m.</i>	○	{ 18 21 27	18 16 49	<i>d. h. m.</i>	{ 2 6 59	2 3 32	
15 15 58	MAR. .	5 15 49	6 5 45	15 9 24	MAR. .	{ 31 19 43	31 19 43
	APRIL	4 4 33	4 17 47		APRIL	30 8 27	30 12 0
	MAY .	3 17 17	4 3 7		MAY .	29 21 11	30 3 20
	JUNE .	2 6 1	2 10 34		○	{ 13 15 33	13 9 6
	JULY .	{ 1 18 45	1 17 16		JUNE .	{ 28 9 55	28 17 14
	○	{ 31 7 29	31 0 19		JULY .	27 22 39	28 5 31
	AUG. .	{ 15 1 51	15 4 46		AUG. .	26 11 23	26 16 30
	SEPT. .	{ 29 20 13	29 8 44		SEPT. .	25 0 7	25 2 46
	OCT. .	28 8 57	27 19 27		OCT. .	24 12 51	24 12 57
	NOV. .	27 21 41	27 9 1		NOV. .	23 1 35	22 23 28
	DEC. .	26 10 25	26 1 23		○	{ 7 19 57	7 22 56
		25 23 9	25 19 51		DEC. .	{ 22 14 19	22 10 27
966.	JAN. .	24 11 54	24 15 6	969.	JAN. .	21 3 4	20 21 59
G.	○	{ 8 6 16	8 7 37	C.	FEB. .	19 15 48	19 10 8
15 21 47	FEB. .	{ 23 0 33	23 9 29	15 15 13	MAR. .	21 4 32	20 23 7
	MAR. .	24 13 22	25 1 41		APRIL	19 17 16	19 13 7
	APRIL	23 2 6	23 15 1		MAY .	19 6 0	19 4 1
	MAY .	22 14 50	23 1 33		○	{ 3 0 22	3 2 8
	JUNE .	21 3 34	21 10 1		JUNE .	{ 17 18 44	17 19 23
	JULY .	20 16 18	20 17 26		JULY .	17 7 28	17 10 35
	○	{ 4 10 40	4 5 25		AUG. .	15 20 12	16 1 5
	AUG. .	{ 19 5 2	19 0 51		SEPT. .	14 8 56	14 14 31
	SEPT. .	17 17 46	17 9 18		OCT. .	13 21 40	14 3 7
	OCT. .	17 6 30	16 19 28		NOV. .	{ 12 10 24	12 14 55
	NOV. .	15 19 14	15 7 51		○	{ 27 4 46	26 22 6
	DEC. .	15 7 58	14 22 33		DEC. .	11 23 8	12 2 10
967.	JAN. .	{ 13 20 42	13 15 14	970.	JAN. .	10 11 52	10 12 57
F.	○	{ 28 15 4	28 23 34	B.	FEB. .	9 0 36	8 28 20
16 3 36	FEB. .	12 9 26	12 9 3	15 21 2	MAR. .	10 13 20	10 9 33
	MAR. .	13 22 10	14 2 54		APRIL	9 2 4	8 20 6
	APRIL	12 10 54	12 19 32		MAY .	{ 8 14 43	8 7 33
	MAY .	11 23 38	12 10 7		○	{ 23 9 10	23 18 28
	JUNE .	10 12 22	10 22 19		JUNE .	7 3 32	6 20 33
	JULY .	10 1 6	10 8 28		JULY .	6 16 16	6 11 13
	AUG. .	8 13 50	8 17 18		AUG. .	5 5 0	5 3 0
	SEPT. .	7 2 34	7 1 49		SEPT. .	3 17 44	3 19 17
	OCT. .	6 15 18	6 10 52		OCT. .	3 6 28	3 11 15
	NOV. .	5 4 2	4 21 1		NOV. .	{ 1 19 12	2 2 20
	DEC. .	4 16 46	4 8 31		○	{ 16 13 34	16 1 53
					DEC. .	{ 1 7 56	1 16 6
						{ 30 20 40	31 4 23

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 971.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 974.		<i>d. h. m.</i>	<i>d. h. m.</i>
A.				D.			
March.	JAN. .	29 9 25	29 15 22	March.	JAN. .	26 0 35	26 9 54
<i>d. h. m.</i>	FEB. .	27 22 9	28 1 1	<i>d. h. m.</i>	FEB. .	24 18 19	25 2 26
16 2 51	MAR. .	29 10 53	29 9 49	15 20 17	()	11 7 41	11 2 32
	APRIL.	27 23 37	27 18 25		MAR. .	26 2 3	26 15 57
	MAY .	27 12 21	27 3 45		APRIL.	24 14 47	25 2 29
	JUNE .	26 1 5	25 14 43		MAY .	24 3 31	24 10 43
	JULY .	25 18 49	25 3 57		JUNE .	22 16 15	22 17 40
	AUG. .	24 2 38	23 19 29		JULY .	22 4 59	22 0 27
	SEPT. .	22 15 17	22 12 43		AUG. .	20 17 43	20 8 11
	OCT. .	22 4 1	22 6 38		SEPT. .	19 6 27	18 17 47
	NOV. .	20 13 45	21 0 3		OCT. .	18 19 11	18 5 57
	DEC. .	20 5 29	20 15 55		NOV. .	17 7 55	16 20 59
					DEC. .	16 20 39	16 14 29
972.	JAN. .	18 18 14	19 5 40	975.	JAN. .	15 9 23	15 9 24
G.F.	FEB. .	17 6 58	17 17 4	C.	FEB. .	18 22 7	14 4 16
15 8 40	MAR. .	17 19 42	18 2 27	16 2 6	MAR. .	15 10 51	15 21 33
	()	1 14 4	1 17 19		APRIL.	18 23 35	14 12 17
	APRIL.	16 8 26	16 10 23		MAY .	18 12 19	14 0 10
	MAY .	15 21 10	15 17 43		JUNE .	12 1 8	12 9 36
	JUNE .	14 9 54	14 1 28		JULY .	11 18 47	11 17 30
	JULY .	13 22 38	13 10 43		AUG. .	10 2 31	10 0 56
	AUG. .	12 11 22	11 22 25		SEPT. .	8 15 15	8 8 53
	SEPT. .	11 0 6	10 18 0		OCT. .	8 3 59	7 18 19
	()	25 18 28	25 18 43		NOV. .	6 16 43	6 5 39
	OCT. .	10 12 50	10 6 15		DEC. .	6 5 27	5 19 10
	NOV. .	9 1 34	9 1 8				
	DEC. .	8 14 18	8 20 11				
973.	JAN. .	7 3 2	7 18 54	976.	JAN. .	4 18 12	4 10 50
H.	FEB. .	5 15 43	6 5 6	N.A.	()	19 12 34	19 22 21
15 14 29	MAR. .	7 4 30	7 17 25	15 7 55	FEB. .	3 6 56	3 3 59
	()	21 22 52	21 18 43		MAR. .	3 19 40	3 21 44
	APRIL.	5 17 14	6 3 6		APRIL.	2 8 24	2 14 55
	MAY .	5 5 54	5 10 50		MAY .	1 21 8	2 6 30
	JUNE .	3 18 42	3 17 36		()	31 9 52	31 19 55
	JULY .	3 7 23	3 0 30		JUNE .	29 22 33	30 7 8
	AUG. .	1 20 10	1 8 37		()	14 16 53	14 5 5
	()	31 8 54	30 19 1		JULY .	29 11 20	29 13 42
	SEPT. .	15 3 16	15 3 33		AUG. .	28 0 4	28 1 30
	OCT. .	29 21 33	29 3 22		SEPT. .	26 12 43	26 10 25
	NOV. .	27 23 6	27 19 23		OCT. .	26 1 32	25 20 8
	DEC. .	27 11 50	27 15 4		NOV. .	24 14 13	24 7 0
					DEC. .	24 3 0	23 19 12

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 977. G.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 980. D.C. March. <i>d. h. m.</i>		<i>d. h. m.</i>	<i>d. h. m.</i>
	○	{ 7 21 22	8 9 7		JAN. .	20 6 55	20 14 29
	JAN. .	{ 22 15 45	22 8 45		FEB. .	18 19 39	19 0 36
March. <i>d. h. m.</i>	FEB. .	21 4 29	20 23 31	15 7 10	MAR. .	19 8 23	19 9 32
15 13 44	MAR. .	22 17 13	22 15 13		APRIL	17 21 7	17 17 54
	APRIL	21 5 57	21 7 19		○	{ 2 15 29	3 2 47
	MAY .	20 13 41	20 23 4		MAY .	{ 17 9 51	17 2 34
	JUNE .	19 7 25	19 13 48		JUNE .	15 22 35	15 12 28
	○	{ 4 1 47	3 16 38		JULY .	15 11 19	15 0 27
	JULY .	{ 18 20 9	19 3 3		AUG. .	14 0 3	13 14 54
	AUG. .	17 8 53	17 14 52		SEPT. .	12 12 47	12 7 31
	SEPT. .	15 21 37	16 1 41		OCT. .	{ 12 1 31	12 1 27
	OCT. .	15 10 21	15 12 6		○	{ 26 19 53	26 11 52
	NOV. .	13 23 5	13 22 35		NOV. .	10 14 15	10 19 29
	DEC. .	13 11 49	13 9 23		DEC. .	10 2 59	10 12 26
978. F.	JAN. .	12 0 33	11 20 32	981. B.	JAN. .	8 15 43	9 3 21
	FEB. .	10 13 17	10 8 8		FEB. .	7 4 27	7 15 52
15 19 33	MAR. .	12 2 1	11 20 22	15 12 59	MAR. .	8 17 11	9 2 5
	APRIL	10 14 45	10 9 32		APRIL	{ 7 5 55	7 10 29
	MAY .	10 3 29	9 23 47		○	{ 22 0 17	22 4 54
	JUNE .	8 16 13	8 14 53		MAY .	6 18 39	6 17 51
	JULY .	8 4 57	8 6 17		JUNE .	5 7 23	5 1 7
	AUG. .	6 17 41	6 21 24		JULY .	4 20 7	4 9 25
	SEPT. .	5 6 25	5 11 40		AUG. .	3 8 51	2 19 43
	OCT. .	4 19 9	5 0 58		SEPT. .	1 21 35	1 8 53
	NOV. .	3 7 53	3 13 23			{ 1 10 19	1 1 4
	DEC. .	2 20 37	3 1 3		OCT. ○	{ 16 4 41	16 3 52
						{ 30 23 3	30 19 25
979. E.	JAN. .	{ 1 9 22	1 12 7		NOV. .	29 11 47	29 14 44
		{ 30 22 6	30 22 33		DEC. .	29 0 31	29 9 28
	FEB. .	...	...		
16 1 22	MAR. .	{ 1 10 50	1 8 34	982. A.	JAN. .	27 13 16	28 1 57
		{ 30 23 34	30 18 36		FEB. .	26 2 0	26 15 42
	APRIL	29 12 18	29 5 17	15 18 48	MAR. .	27 14 44	28 2 30
	○	{ 14 6 40	14 17 45		APRIL	26 3 23	26 10 53
	MAY .	{ 29 1 2	28 17 18		MAY .	25 16 12	25 18 1
	JUNE .	27 13 46	27 7 1		JUNE .	24 4 56	24 0 41
	JULY .	27 2 30	26 22 20		JULY .	23 17 40	23 8 4
	AUG. .	25 15 14	25 14 37		AUG. .	22 6 24	21 17 16
	SEPT. .	24 3 53	24 7 5		SEPT. .	20 19 8	20 5 10
	OCT. .	23 16 42	23 22 58		OCT. .	20 7 52	19 20 9
	○	{ 7 11 4	6 23 0		NOV. .	18 20 36	18 13 53
	NOV. .	{ 22 5 26	22 13 40		DEC. .	18 9 20	18 9 15
	DEC. .	21 18 10	22 2 52				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 983.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 986.		<i>d. h. m.</i>	<i>d. h. m.</i>
Q.	JAN. .	16 22 5	17 4 40	C.	JAN. .	18 18 15	18 6 5
March.	FEB. .	15 10 49	15 22 24	March.	FEB. .	12 1 59	11 20 0
<i>d. h. m.</i>	O	{ 2 5 11	2 1 0	<i>d. h. m.</i>	MAR. .	18 14 48	18 10 59
16 0 37	MAR. .	16 23 33	17 13 23	15 18 3	APRIL	12 3 27	12 2 41
	APRIL	15 12 17	16 1 17		MAY .	11 16 11	11 18 33
	MAY .	15 1 1	15 10 32		JUNE .	{ 10 4 55	10 9 52
	JUNE .	13 13 45	13 17 59		O	{ 24 23 17	24 16 28
	JULY .	13 2 29	13 0 46		JULY .	9 17 39	10 0 0
	AUG. .	{ 11 15 13	11 8 1		AUG. .	8 6 28	8 12 44
	O	{ 26 9 35	26 11 47		SEPT. .	6 19 7	7 0 16
	SEPT. .	10 3 57	9 16 41		OCT. .	6 7 51	6 11 5
	OCT. .	9 16 41	9 3 37		NOV. .	4 20 35	4 21 42
	NOV. .	8 5 25	7 17 16		DEC. .	{ 4 9 19	4 8 26
	DEC. .	7 18 9	7 9 35		O	{ 19 3 41	19 6 57
984.	JAN. .	6 6 53	6 8 51	987.	JAN. .	2 22 3	2 19 21
F.E.	FEB. .	{ 4 19 37	4 22 46	B.	FEB. .	1 10 47	1 6 32
	O	{ 19 13 59	19 16 8	15 23 52	MAR. .	2 23 31	2 18 9
15 0 26	MAR. .	5 8 21	5 16 52		APRIL	1 12 15	{ 1 6 31
	APRIL	3 21 5	4 8 50		MAY .	{ 30 13 43	30 19 58
	MAY .	3 9 49	3 22 6		O	{ 14 8 5	14 9 33
	JUNE .	1 22 33	2 8 43		JUNE .	{ 29 2 27	29 1 49
	JULY .	{ 1 11 17	1 17 20		JULY .	28 15 11	28 17 16
	O	{ 14 18 28	14 12 11		AUG. .	27 8 55	27 8 15
	AUG. .	{ 29 12 45	29 8 48		SEPT. .	25 16 39	25 22 21
	SEPT. .	28 1 29	27 17 35		OCT. .	25 5 23	25 11 23
	OCT. .	27 14 13	27 4 0		NOV. .	23 13 7	23 23 42
	NOV. .	26 2 57	25 16 25		O	{ 8 12 29	8 6 11
	DEC. .	25 15 41	25 6 58		DEC. .	{ 28 6 51	28 11 6
985.	JAN. .	24 4 26	23 23 16	988.	JAN. .	21 19 36	21 21 43
D.	O	{ 7 22 48	8 8 9	A.G.	FEB. .	20 8 20	20 7 43
15 12 15	FEB. .	{ 22 17 10	22 16 35	15 5 41	MAR. .	20 21 4	20 17 31
	MAR. .	24 5 54	24 9 59		APRIL	19 9 48	19 8 32
	APRIL	22 18 38	23 2 20		MAY .	18 22 32	18 14 34
	MAY .	22 7 22	22 16 52		O	{ 2 16 54	3 1 45
	JUNE .	20 20 6	21 5 15		JUNE .	{ 17 11 16	17 3 16
	JULY .	20 8 50	20 15 42		JULY .	17 0 0	16 17 43
	O	{ 4 3 12	3 14 49		AUG. .	15 12 44	15 9 43
	AUG. .	{ 18 21 31	19 1 0		SEPT. .	14 1 23	14 2 30
	SEPT. .	17 10 13	17 10 0		OCT. .	13 14 12	13 19 4
	OCT. .	16 23 2	16 19 27		NOV. .	{ 12 2 56	12 10 40
	NOV. .	15 11 46	15 5 50		O	{ 23 21 13	23 10 22
	DEC. .	15 0 30	14 17 20		DEC. .	11 15 40	12 0 49

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 989. F. March. d. h. m. 15 11 29		d. h. m.	d. h. m.	A.D. 992. C.B. March. d. h. m. 15 4 56		d. h. m.	d. h. m.
	JAN. .	10 4 24	10 13 16		JAN. .	7 19 34	7 23 1
	FEB. .	8 17 8	9 0 0		FEB. .	6 8 18	6 17 42
	MAR. .	10 5 52	10 9 18		MAR. .	6 21 2	7 10 3
	APRIL	8 18 36	8 17 39		○	21 15 24	21 10 22
	MAY .	8 7 20	8 1 50		APRIL	5 9 46	5 23 26
	JUNE .	6 20 4	6 10 49		MAY .	4 22 30	5 9 51
	JULY .	6 8 48	5 21 36		JUNE .	3 11 14	3 18 4
	AUG. .	4 21 32	4 10 47		JULY .	2 23 58	3 1 7
	SEPT. .	3 10 16	3 2 29		AUG. .	1 12 42	1 8 6
	OCT. .	2 23 0	2 20 5			31 1 26	30 16 4
	NOV. .	1 11 44	1 14 27		○	14 19 48	14 23 16
	DEC. .	1 0 28	1 8 17		SEPT. .	29 14 10	29 1 55
		30 13 12	31 0 23		OCT. .	29 2 54	28 14 14
990. E. 15 17 18	JAN. .	29 1 57	29 14 9	993. A. 15 10 45	JAN. .	25 17 7	25 17 14
	FEB. .	27 14 41	28 1 22		FEB. .	24 5 51	24 11 43
	MAR. .	29 3 25	29 10 28		MAR. .	25 18 35	26 4 46
	○	12 21 47	13 0 9		APRIL	24 7 19	24 19 21
	APRIL	27 16 9	27 18 4		MAY .	23 20 3	24 7 14
	MAY .	27 4 53	27 1 9		JUNE .	22 8 47	22 16 49
	JUNE .	25 17 37	25 8 42		JULY .	21 21 31	22 0 59
	JULY .	25 6 21	24 17 54		AUG. .	20 10 15	20 8 46
	AUG. .	23 19 5	23 5 39		SEPT. .	18 22 59	18 17 8
	SEPT. .	22 7 49	21 20 23		OCT. .	18 11 43	18 2 50
	○	7 2 11	7 3 9		NOV. .	17 0 27	16 14 18
	OCT. .	21 20 33	21 13 52		DEC. .	16 13 11	16 3 45
	NOV. .	20 9 17	20 9 0				
	DEC. .	19 22 1	20 4 17				
991. D. 15 23 7	JAN. .	18 10 46	18 22 4	994. G. 15 16 34	JAN. .	15 1 56	14 19 8
	FEB. .	16 23 30	17 13 13		○	29 20 18	30 6 59
	MAR. .	18 12 14	19 1 21		FEB. .	13 14 40	13 11 44
	○	2 6 36	2 1 58		MAR. .	15 3 24	15 4 57
	APRIL	17 0 58	17 10 49		APRIL	13 16 8	13 21 45
	MAY .	16 13 42	16 18 22		MAY .	13 4 52	13 13 12
	JUNE .	15 2 26	15 1 2		JUNE .	11 17 36	12 2 42
	JULY .	14 15 10	14 7 56		JULY .	11 6 20	11 14 18
	AUG. .	13 3 54	12 16 10		○	26 0 42	25 12 8
	SEPT. .	11 16 38	11 2 43		AUG. .	9 19 4	10 0 13
	○	26 11 0	26 16 31		SEPT. .	8 7 48	8 9 30
	OCT. .	11 5 22	10 16 13		OCT. .	7 20 32	7 18 52
	NOV. .	9 13 6	9 8 43		NOV. .	6 9 16	6 4 55
	DEC. .	9 6 50	9 3 28		DEC. .	5 22 0	5 15 54

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 995.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 998.		<i>d. h. m.</i>	<i>d. h. m.</i>
F.	JAN. .	{ 4 10 44	4 3 55	B.	JAN. .	{ 1 1 54	1 11 38
	○	{ 19 5 6	19 17 25		...	{ 30 14 38	30 23 10
March.	FEB. .	2 23 28	2 17 2	March.	FEB. .	...	...
<i>d. h. m.</i>	MAR. .	4 12 12	4 7 12	<i>d. h. m.</i>	MAR. .	{ 1 3 22	1 9 0
15 22 22	APRIL	3 0 56	2 22 18	15 15 49	...	{ 30 16 6	30 17 32
	MAY .	2 13 40	2 13 57		APRIL	29 4 50	29 1 29
	JUNE .	{ 1 2 24	1 5 34		○	{ 13 23 12	14 9 37
	○	{ 30 15 8	30 20 24		MAY .	{ 28 17 34	28 9 46
	JULY .	{ 15 9 30	15 0 1		JUNE .	27 6 18	26 19 25
	AUG. .	30 3 52	30 10 0		JULY .	26 19 2	26 7 19
	SEPT. .	28 16 36	28 22 22		AUG. .	25 7 46	24 21 51
	OCT. .	27 5 20	27 9 46		SEPT. .	23 20 30	23 14 45
	NOV. .	26 18 4	26 20 42		OCT. .	23 9 14	23 9 5
	DEC. .	25 6 48	25 7 29		○	{ 7 3 36	6 20 36
		24 19 32	24 18 20		NOV. .	{ 21 21 58	22 3 34
					DEC. .	21 10 42	21 20 47
996.	JAN. .	23 8 17	23 5 17	999.	JAN. .	19 23 27	20 11 50
E.D.	FEB. .	21 21 1	21 16 23	A.	FEB. .	18 12 11	19 0 14
15 4 11	MAR. .	22 9 45	22 4 2	15 21 38	MAR. .	20 0 55	20 10 12
	APRIL	20 22 29	20 16 39		APRIL	18 13 39	18 18 18
	MAY .	20 11 13	20 6 26		○	{ 3 8 1	3 11 34
	JUNE .	18 23 57	18 21 19		MAY .	{ 18 2 23	18 1 21
	JULY .	18 12 41	18 12 51		JUNE .	16 15 7	16 8 28
	AUG. .	17 1 25	17 4 20		JULY .	16 3 51	15 16 41
	SEPT. .	15 14 9	15 19 11		AUG. .	14 16 35	14 3 4
	OCT. .	15 2 53	15 9 7		SEPT. .	13 5 19	12 16 22
	NOV. .	13 15 37	13 22 2		OCT. .	{ 12 18 3	12 8 39
	DEC. .	13 4 21	13 9 58		○	{ 27 12 25	27 12 31
					NOV. .	11 6 47	11 3 16
					DEC. .	10 19 31	10 22 45
997.	JAN. .	11 17 5	11 20 56	1000.	JAN. .	9 8 16	9 17 29
C.	FEB. .	10 5 49	10 7 9	G.F.	FEB. .	7 21 0	8 10 2
15 10 0	MAR. .	11 18 34	11 16 45	15 3 27	MAR. .	8 9 44	8 23 37
	APRIL	10 7 18	10 2 15		APRIL	6 22 28	7 10 14
	MAY .	{ 9 20 2	9 12 27		MAY .	6 11 12	6 18 34
	○	{ 24 14 24	25 0 58		JUNE .	4 23 56	5 1 28
	JUNE .	8 8 46	8 0 5		JULY .	4 12 40	4 8 8
	JULY .	7 21 30	7 13 37		AUG. .	3 1 24	2 15 38
	AUG. .	6 10 14	6 5 0		SEPT. .	1 14 8	{ 1 0 59
	SEPT. .	4 22 58	4 21 38		...	{ 1 2 52	{ 30 13 3
	OCT. .	4 11 42	4 14 39		OCT. .	{ 30 15 36	30 4 8
	NOV. .	{ 3 0 26	3 7 6		NOV. .	29 4 20	28 21 55
	○	{ 17 18 48	17 7 31		DEC. .	28 17 4	28 17 13
	DEC. .	2 13 10	2 22 15				

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (○ Full Ecl.)	True New Moon. (○ Full Ecl.)
A.D. 1001. E.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1004. B.A.		<i>d. h. m.</i>	<i>d. h. m.</i>
March. <i>d. h. m.</i> 15 9 15	JAN. .	27 5 48	27 12 27	March. <i>d. h. m.</i> 15 2 42	JAN. .	24 20 58	24 14 34
	FEB. .	25 18 32	26 6 2		FEB. .	23 9 42	23 3 56
	○	{ 12 12 54	12 9 4		MAR. .	23 22 26	23 18 13
	MAR. .	{ 27 7 16	27 20 51		APRIL	22 11 10	22 9 30
	APRIL	25 20 0	26 8 39		MAY .	21 23 54	22 1 3
	MAY .	25 8 44	25 17 51		JUNE .	20 12 38	20 16 22
	JUNE .	23 21 23	24 1 22		○	{ 5 7 0	4 23 51
	JULY .	23 10 12	23 8 20		JULY .	{ 20 1 22	20 6 46
	AUG. .	21 22 56	21 15 50		AUG. .	18 14 6	18 19 59
	○	{ 5 17 18	5 18 56		SEPT. .	17 2 50	17 8 7
	SEPT. .	{ 20 11 40	20 0 46		OCT. .	16 15 34	16 19 29
	OCT. .	20 0 24	19 11 55		NOV. .	15 4 18	15 6 30
	NOV. .	18 13 8	18 1 37		DEC. .	{ 14 17 2	14 17 24
	DEC. .	18 1 52	17 17 49		○	{ 29 11 24	29 14 54
1002. D.	JAN. .	16 14 37	16 11 43	1005. G.	JAN. .	13 5 46	13 4 12
15 15 4	FEB. .	15 3 21	15 6 20	15 8 31	FEB. .	11 18 31	11 15 1
	○	{ 1 21 43	2 0 32		MAR. .	13 7 15	13 2 5
	MAR. .	{ 16 16 5	17 0 5		APRIL	11 19 59	11 13 51
	APRIL	15 4 49	15 15 53		MAY .	11 8 43	11 2 47
	MAY .	14 17 33	15 5 6		JUNE .	{ 9 21 27	9 17 1
	JUNE .	13 6 17	13 15 49		○	{ 24 15 49	24 17 0
	JULY .	12 19 1	13 0 41		JULY .	9 10 11	9 8 13
	AUG. .	{ 11 7 45	11 8 43		AUG. .	7 22 55	8 0 1
	○	{ 26 2 7	25 19 5		SEPT. .	6 11 39	6 15 32
	SEPT. .	9 20 29	9 16 53		OCT. .	6 0 23	6 6 16
	OCT. .	9 9 13	9 2 1		NOV. .	4 13 7	4 19 56
	NOV. .	7 21 57	7 12 40		DEC. .	{ 4 1 51	4 8 32
	DEC. .	7 10 41	7 1 7		○	{ 18 20 13	18 14 16
1003. C.	JAN. .	5 23 25	5 15 23	1006. F.	JAN. .	2 14 35	2 20 3
15 20 53	FEB. .	{ 4 12 9	4 7 12	15 14 20	FEB. .	1 3 19	1 6 31
	○	{ 19 6 31	19 16 37		MAR. .	2 16 3	2 16 9
	MAR. .	6 0 53	6 0 0		APRIL	{ 1 4 47	1 1 21
	APRIL	4 13 37	4 16 55		○	{ 30 17 31	30 10 51
	MAY .	4 2 21	4 9 2		MAY .	30 6 15	29 21 23
	JUNE .	2 15 5	2 23 33		○	{ 14 0 37	14 8 59
	JULY .	{ 2 3 49	2 12 8		JUNE .	{ 23 18 59	23 9 56
	○	{ 31 16 33	31 23 1		JULY .	28 7 43	28 0 25
	AUG. .	{ 15 10 55	14 21 56		AUG. .	26 20 27	26 16 39
	SEPT. .	{ 30 5 17	30 8 43		SEPT. .	25 9 11	25 9 51
	OCT. .	23 18 1	23 18 17		OCT. .	24 21 55	25 2 53
	NOV. .	23 6 45	23 4 7		NOV. .	23 10 39	23 19 3
	DEC. .	26 19 29	26 14 42		○	{ 8 5 1	7 18 53
		26 8 13	26 2 10		DEC. .	{ 22 23 23	23 9 29

JERUSALEM CIVIL TIME.

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1007. E. March. d. h. m. 15 20 8		d. h. m.	d. h. m.	A.D. 1010. A. March. d. h. m. 15 13 35		d. h. m.	d. h. m.
	JAN. .	21 12 7	21 21 57		JAN. .	18 3 18	18 6 52
	FEB. .	20 0 51	20 8 30		FEB. .	16 16 2	17 1 20
	MAR. .	21 13 36	21 17 26		MAR. .	18 4 46	18 17 32
	APRIL	20 2 20	20 1 22		O	{ 1 23 8	1 18 5
	MAY .	19 15 4	19 9 12		APRIL	{ 16 17 30	17 6 46
	JUNE .	18 3 48	17 17 55		MAY .	16 6 14	16 17 9
	JULY .	17 16 32	17 4 33		JUNE .	14 18 58	15 1 25
	AUG. .	16 5 16	15 17 46		JULY .	14 7 42	14 8 37
	SEPT. .	14 18 0	14 9 40		AUG. .	12 20 26	12 15 51
	OCT. .	14 6 44	14 3 37		SEPT. .	{ 11 9 10	11 0 7
	NOV. .	12 19 23	12 22 22		O	{ 26 3 32	26 6 45
	DEC. .	12 8 12	12 16 31		OCT. .	10 21 54	10 10 12
					NOV. .	9 10 33	8 22 40
					DEC. .	8 23 22	8 13 37
1008. D.C. 15 1 57	JAN. .	10 20 57	11 8 49				
	FEB. .	9 9 41	9 22 31				
	MAR. .	9 22 25	10 9 33	1011. G. 15 19 24	JAN. .	7 12 7	7 6 42
	APRIL	{ 8 11 9	8 18 21		FEB. .	6 0 51	6 0 55
	O	{ 23 5 31	23 6 54		MAR. .	7 13 35	7 19 2
	MAY .	7 23 53	8 1 41		APRIL	6 2 19	6 11 48
	JUNE .	6 12 37	6 8 33		MAY .	5 15 3	6 2 17
	JULY .	6 1 21	5 16 1		JUNE .	4 3 47	4 14 15
	AUG. .	4 14 5	4 1 14		JULY .	3 16 31	4 0 3
	SEPT. .	3 2 49	2 18 4		AUG. .	{ 2 5 15	2 8 32
	OCT. .	{ 2 15 33	{ 2 3 59			{ 31 17 59	31 16 43
	O	{ 17 9 55	{ 17 11 40		SEPT. .	30 6 43	30 1 29
		{ 1 4 17	{ 31 21 39		OCT. .	29 19 27	29 11 23
	NOV. .	{ 30 17 1	30 16 57		NOV. .	28 8 11	27 23 3
	DEC. .	30 5 45	30 12 20		DEC. .	27 20 55	27 12 19
1009. B. 15 7 40	JAN. .	23 13 29	29 6 5	1012. F.E. 15 1 13	JAN. .	26 9 39	26 3 12
	FEB. .	27 7 13	27 21 8		O	{ 10 4 1	10 15 27
	MAR. .	28 19 57	29 9 7		FEB. .	{ 24 22 23	24 19 19
	O	{ 12 14 19	12 9 6		MAR. .	25 11 7	25 12 2
	APRIL	{ 27 8 41	27 13 23		APRIL	23 23 51	24 4 30
	MAY .	26 21 25	27 1 50		MAY .	23 12 35	23 19 49
	JUNE .	25 10 9	25 8 29		JUNE .	22 1 19	22 9 27
	JULY .	24 22 53	24 15 28		JULY .	21 14 3	21 21 19
	AUG. .	23 11 37	22 23 51		O	{ 5 8 25	4 19 17
	SEPT. .	22 0 21	21 10 34		AUG. .	{ 20 2 47	20 7 48
	O	{ 6 18 43	7 0 34		SEPT. .	18 15 31	18 17 36
	OCT. .	{ 21 13 5	21 0 14		OCT. .	18 4 15	18 3 26
	NOV. .	20 1 49	19 16 47		NOV. .	16 16 59	16 13 45
	DEC. .	19 14 33	19 11 23		DEC. .	16 5 43	16 0 47

Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)	Mean Vernal Equinox.	Month.	Mean New Moon. (O Full Ecl.)	True New Moon. (O Full Ecl.)
A.D. 1013.		<i>d. h. m.</i>	<i>d. h. m.</i>	A.D. 1016.		<i>d. h. m.</i>	<i>d. h. m.</i>
D.	JAN. .	{ 14 18 28	14 12 36	A.G.	JAN. .	12 9 38	12 20 20
March.	○	{ 29 12 50	30 1 38	March.	FEB. .	10 22 22	11 7 45
<i>d. h. m.</i>	FEB. .	13 7 12	13 1 13	<i>d. h. m.</i>	MAR. .	11 11 6	11 17 16
15 7 1	MAR. .	14 19 56	14 14 47	15 0 28	APRIL	9 23 50	10 1 25
	APRIL	13 8 40	13 5 19		MAY .	{ 9 12 34	9 8 59
	MAY .	12 21 24	12 20 33		○	{ 24 6 56	24 16 22
	JUNE .	11 10 8	11 12 0		JUNE .	8 1 18	7 17 0
	JULY .	{ 10 22 52	11 3 0		JULY .	7 14 2	7 2 28
	○	{ 25 17 14	25 7 28		AUG. .	6 2 46	5 14 20
	AUG. .	9 11 36	9 17 4		SEPT. .	4 15 30	4 4 59
	SEPT. .	8 0 20	8 6 0		OCT. .	4 4 14	3 22 10
	OCT. .	7 13 4	7 17 59		NOV. .	{ 2 16 58	2 16 52
	NOV. .	6 1 48	6 5 23		○	{ 17 11 20	17 5 26
	DEC. .	5 14 32	5 16 27		DEC. .	{ 2 5 42	2 11 39
						{ 31 18 26	...
1014.	JAN. .	4 3 17	4 3 17				
C.	FEB. .	2 16 1	2 13 55	1017.	JAN. .	{ ...	1 5 6
15 12 50	MAR. .	4 4 45	4 0 34	F.	FEB. .	{ 30 7 10	30 20 10
	APRIL	2 17 29	2 11 37			28 19 54	...
	MAY .	{ 2 6 13	1 23 39	15 6 17	MAR. .	{ ...	1 8 27
		{ 31 18 57	31 13 3		APRIL	{ 30 8 38	30 18 8
	JUNE .	30 7 41	30 3 47			28 21 22	29 1 58
	○	{ 15 2 3	15 0 9		○	{ 13 15 44	13 18 6
	JULY .	{ 29 20 25	29 19 28		MAY .	{ 28 10 6	28 8 50
	AUG. .	28 9 9	28 11 24		JUNE .	26 22 50	26 15 49
	SEPT. .	26 21 53	27 2 51		JULY .	26 11 34	26 0 1
	OCT. .	26 10 37	26 17 22		AUG. .	25 0 18	24 10 30
	NOV. .	24 23 21	25 6 44		SEPT. .	23 13 2	22 28 55
	DEC. .	24 12 5	24 18 52		OCT. .	23 1 46	22 16 28
					○	{ 6 20 8	6 21 16
1015.	JAN. .	23 0 49	23 5 49		NOV. .	{ 21 14 30	21 11 8
B.	FEB. .	21 13 33	21 15 40	1018.	DEC. .	21 3 14	21 6 48
15 18 39	MAR. .	23 2 17	23 0 47	E.	JAN. .	19 15 59	20 1 29
	APRIL	21 15 1	21 9 46		FEB. .	18 4 43	18 17 56
	MAY .	21 3 45	20 19 31	15 12 6	MAR. .	19 17 27	20 6 23
	○	{ 4 22 7	5 8 7		APRIL	18 6 11	18 17 51
	JUNE .	{ 19 16 29	19 6 50		MAY .	17 18 55	18 2 1
	JULY .	19 5 13	18 20 16		JUNE .	16 7 39	16 8 55
	AUG. .	17 17 57	17 11 46		JULY .	15 20 23	15 15 38
	SEPT. .	16 6 41	16 4 47		AUG. .	14 9 7	13 23 17
	OCT. .	15 19 25	15 22 20		SEPT. .	12 21 51	12 8 50
	NOV. .	{ 14 8 9	14 15 18		OCT. .	12 10 35	11 21 3
	○	{ 29 2 31	28 16 8		NOV. .	10 23 19	10 12 15
	DEC. .	13 20 53	14 6 47		DEC. .	10 12 3	10 5 58